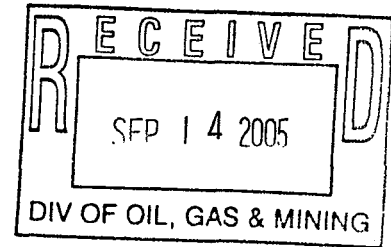


NEWFIELD



August 13, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 1-26-9-15, 4-26-9-15, 5-26-9-15, 9-26-9-15, 10-26-9-15, 11-26-9-15, 12-26-9-15, 13-26-9-15, 14-26-9-15, and 15-26-9-15.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 1-26-9-15, 11-26-9-15, and 15-26-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

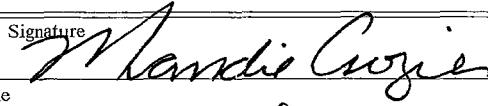
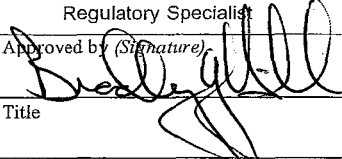
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-66185
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal 9-26-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-32902
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2042' FSL 618' FEL 569018X 40.000271 At proposed prod. zone 4427890Y 110.191462		10. Field and Pool, or Exploratory Monument Butte Undesignated
11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 26, T9S R15E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximately 17.3 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2042' f/lse & 2042' f/unit	16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1418'	19. Proposed Depth 5940'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6471' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/9/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III	Date 09-19-05
Title Environmental Scientist III		

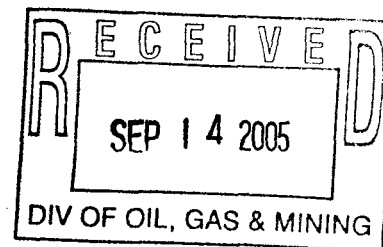
Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

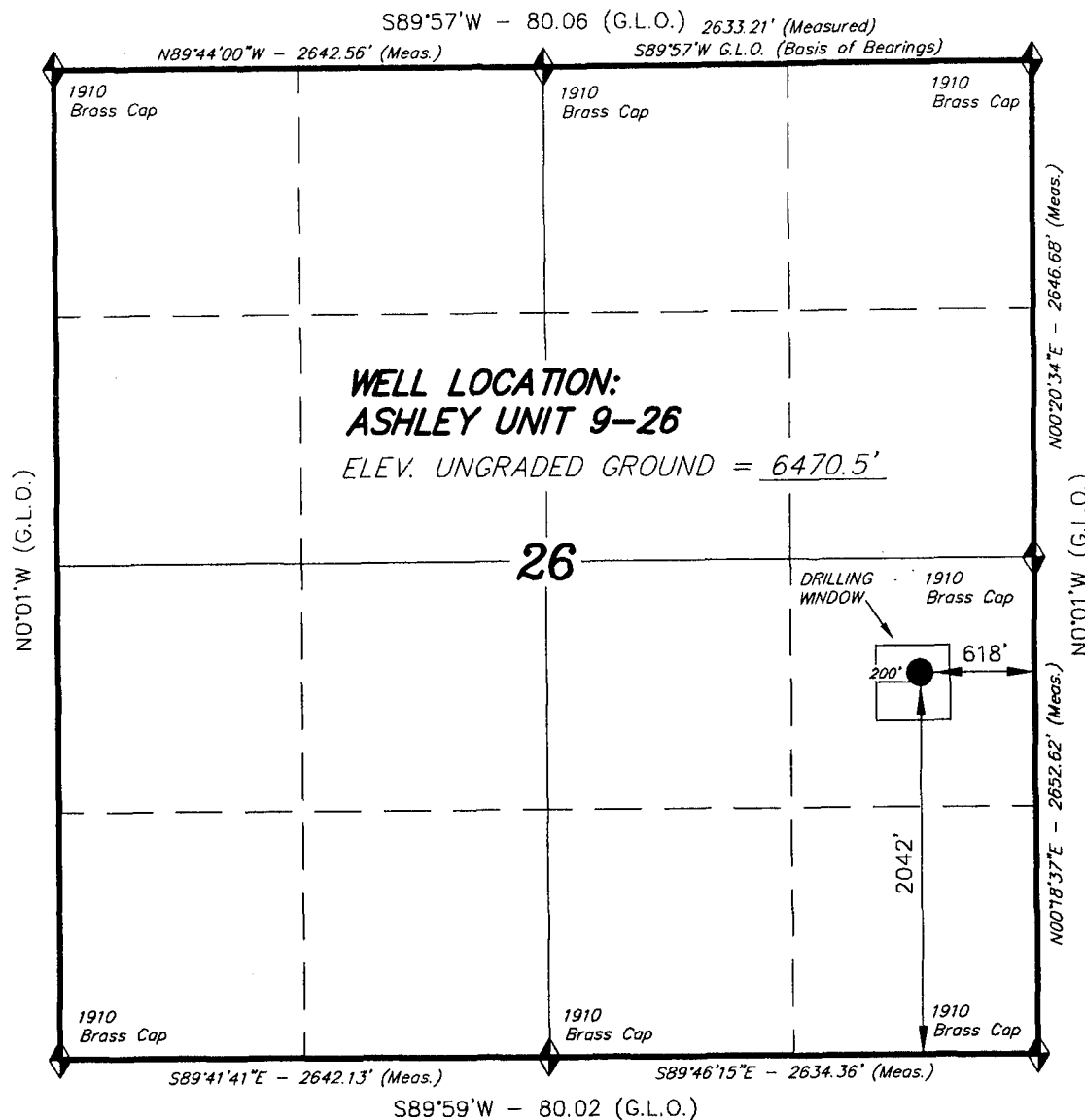
Federal Approval of this  
Action Is Necessary



*T9S, R15E, S.L.B.&M.*

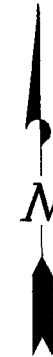
*NEWFIELD PRODUCTION COMPANY*

WELL LOCATION, ASHLEY UNIT 9-26,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 26, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 12237  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. — VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 7-8-05

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #9-26-9-15  
NE/SE SECTION 26, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2515'
Green River	2515'
Wasatch	5940'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2515' – 5940' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #9-26-9-158  
NE/SE SECTION 26, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #9-26-9-15 located in the NE 1/4 SE 1/4 Section 26, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the south; proceed southwesterly - 4.4 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed southwesterly along the proposed access road - 1.5 miles  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #9-26-9-15 Newfield Production Company requests a 250' ROW in Lease UTU-74391 and 7,410' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 250' ROW in Lease UTU-74391 and 7,410' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 250' ROW in Lease UTU-74391 and 7,410' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Golden Eagle:** Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15<sup>th</sup> (based on a

pre-construction survey by a qualified biologist), the operator may construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

A 12 mil liner is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Black Sage	<i>Artemisia Nova</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	3 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #9-26-9-15 was on-sited on 6/8/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

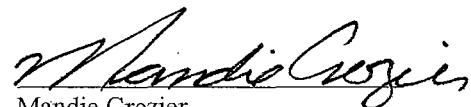
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9-26-9-15 NE/SE Section 26, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/9/05

Date

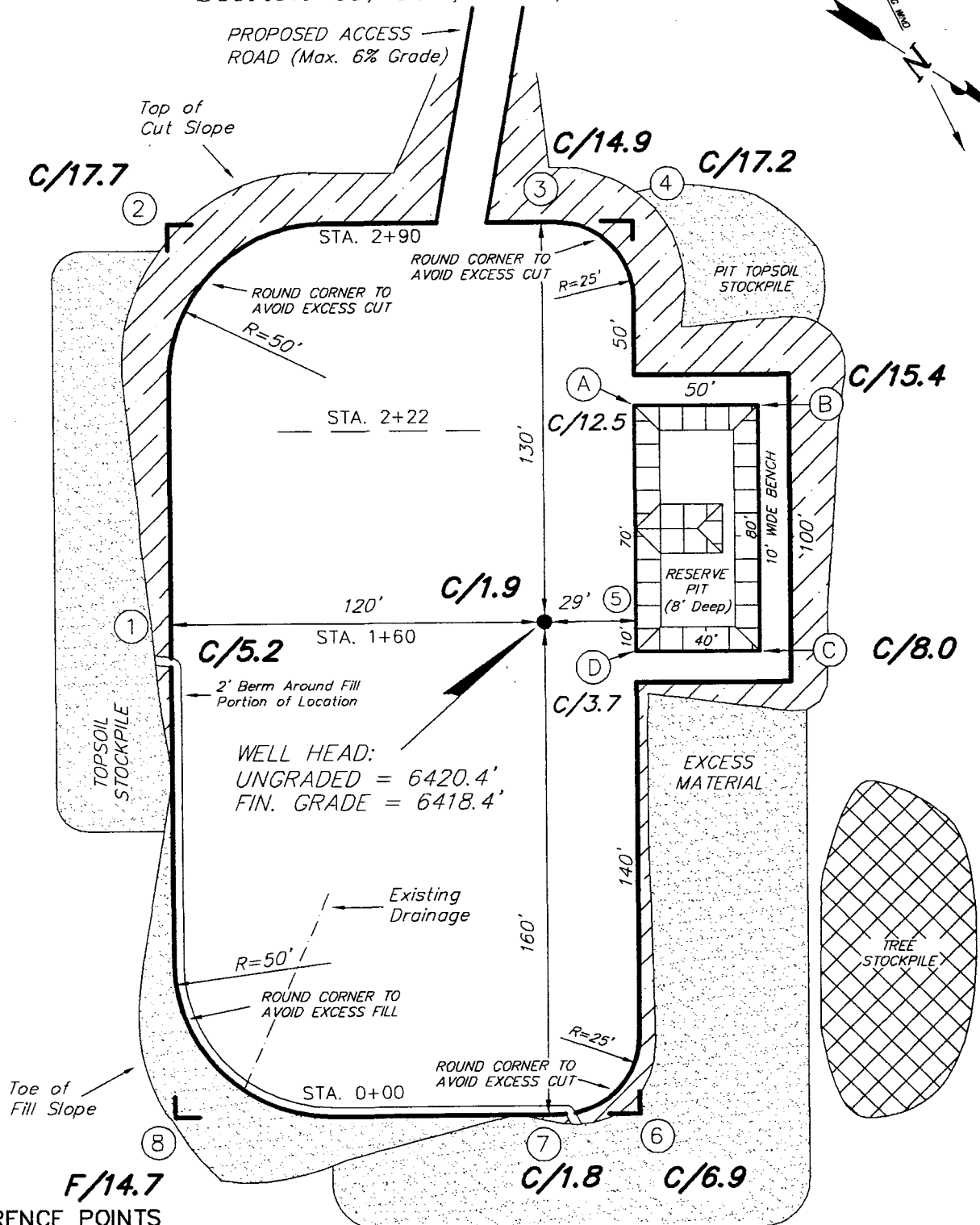


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

## ASHLEY UNIT 9-26

Section 26, T9S, R15E, S.L.B.&M.



### REFERENCE POINTS

210' NORTHEAST = 6425.3'  
260' NORTHEAST = 6428.0'  
170' SOUTHEAST = 6433.0'  
220' SOUTHEAST = 6440.7'

SURVEYED BY: D.P.

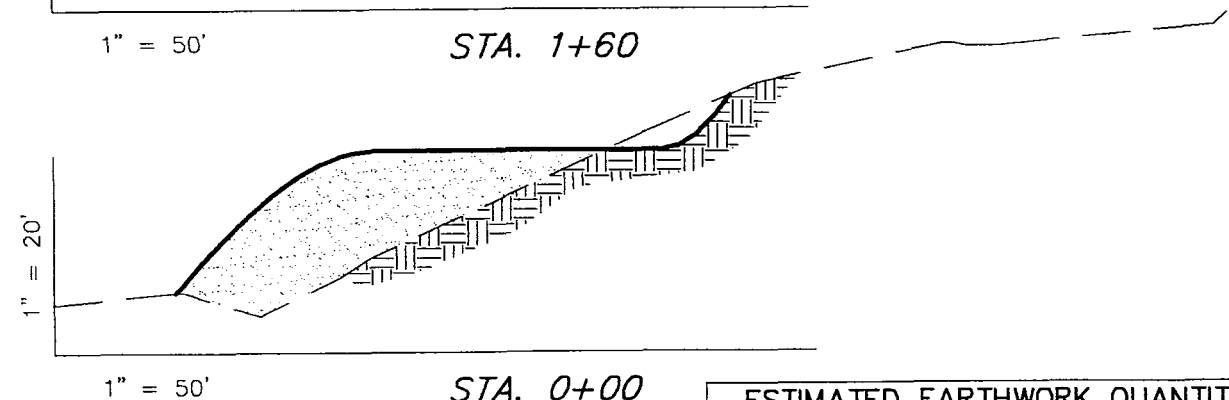
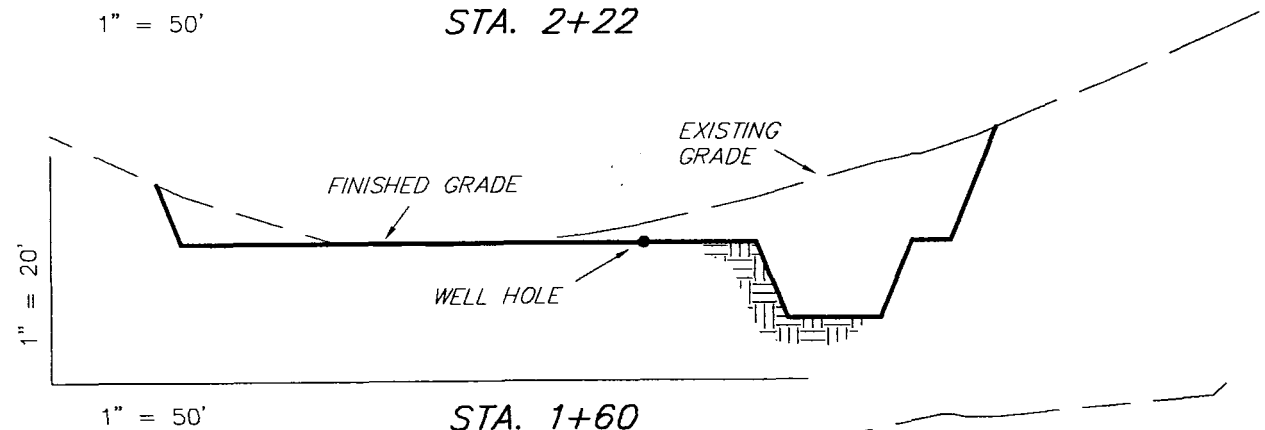
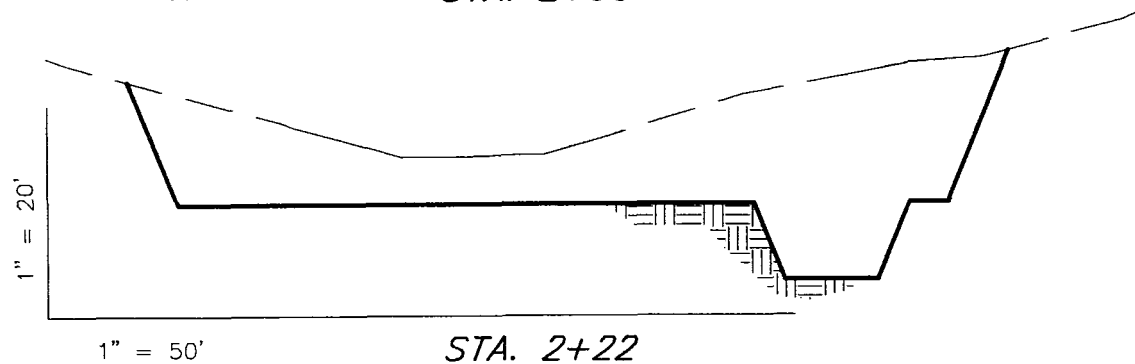
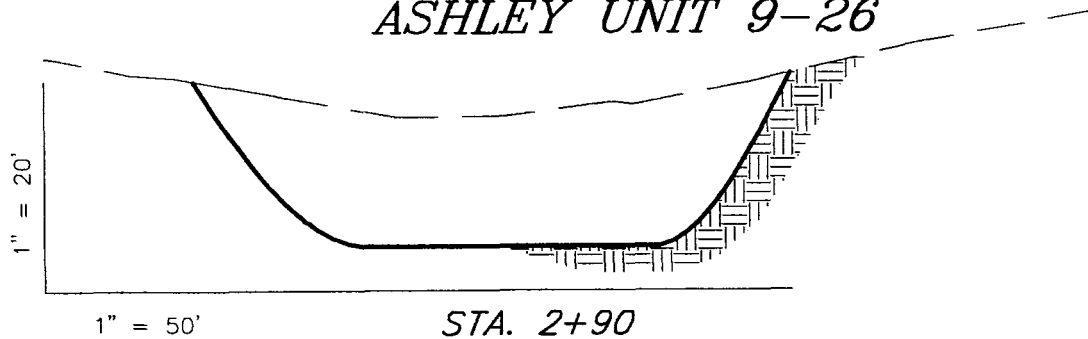
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-05

**Tri State**  
**Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

**NEWFIELD PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**ASHLEY UNIT 9-26**



NOTE:  
 UNLESS OTHERWISE NOTED  
 CUT SLOPES ARE AT 1:1  
 FILL SLOPES ARE AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**  
 (No Shrink or swell adjustments have been used)  
 (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	8,790	4,300	Topsoil is not included in Pad Cut	4,490
PIT	640	0		640
TOTALS	9,430	4,300	1,080	5,130

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

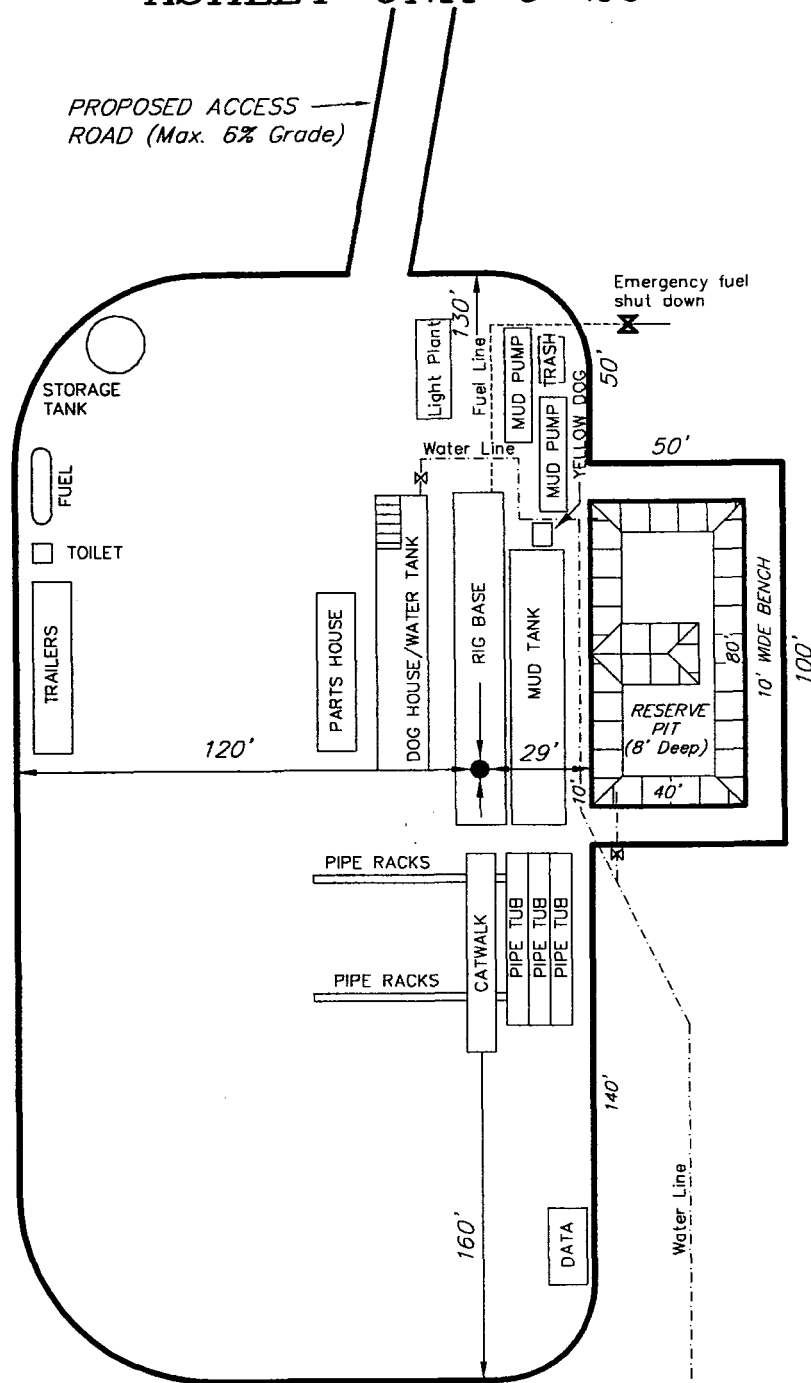
DATE: 7-8-05

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 9-26



SURVEYED BY: D.P.

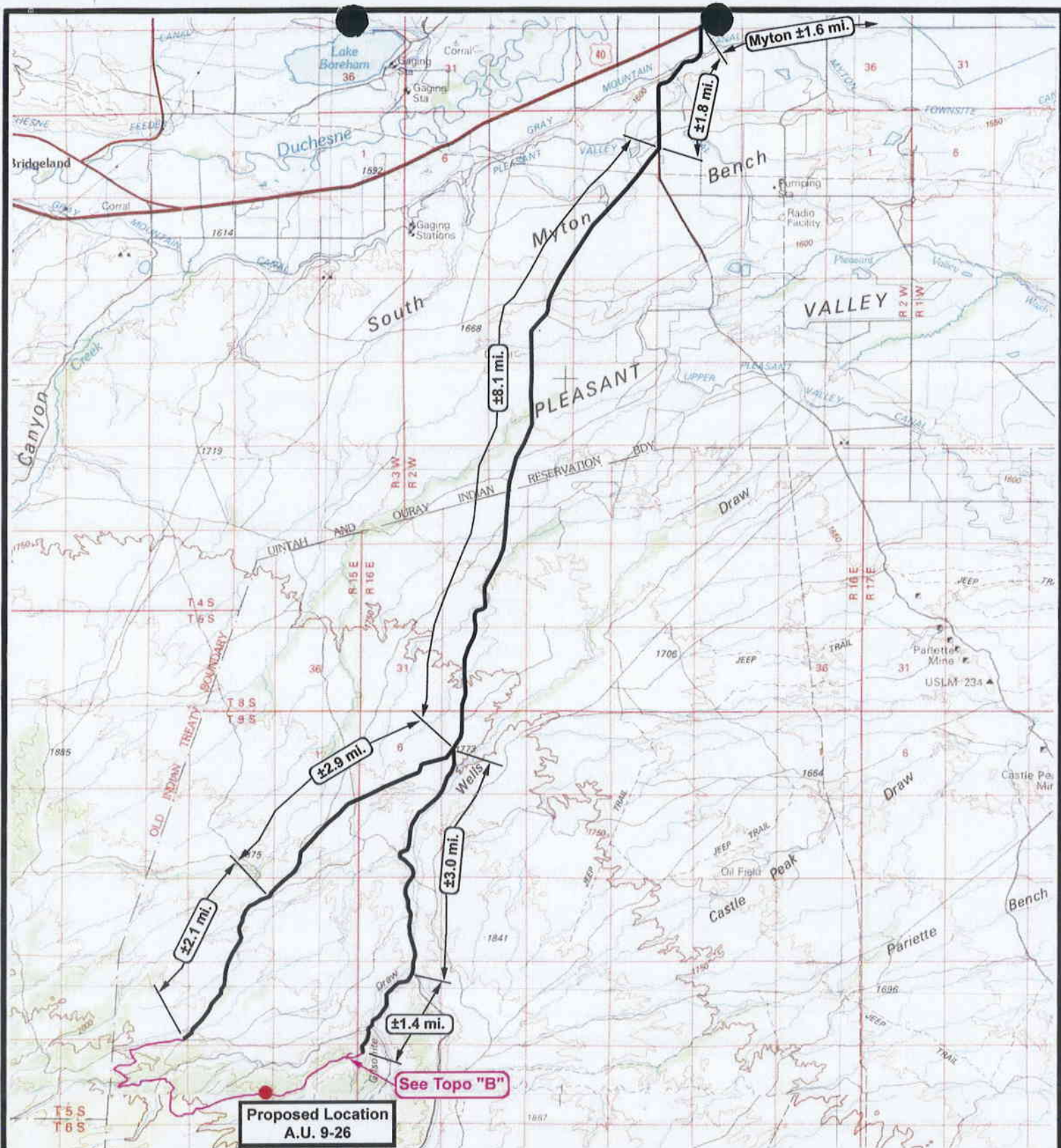
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 7-8-05

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501







**NEWFIELD**  
Exploration Company

**Ashley Unit 9-26-9-15**  
**SEC. 26, T9S, R15E, S.L.B.&M.**




**Tri-State**  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1 = 100,000**  
**DRAWN BY: mw**  
**DATE: 07-19-2005**

**Legend**

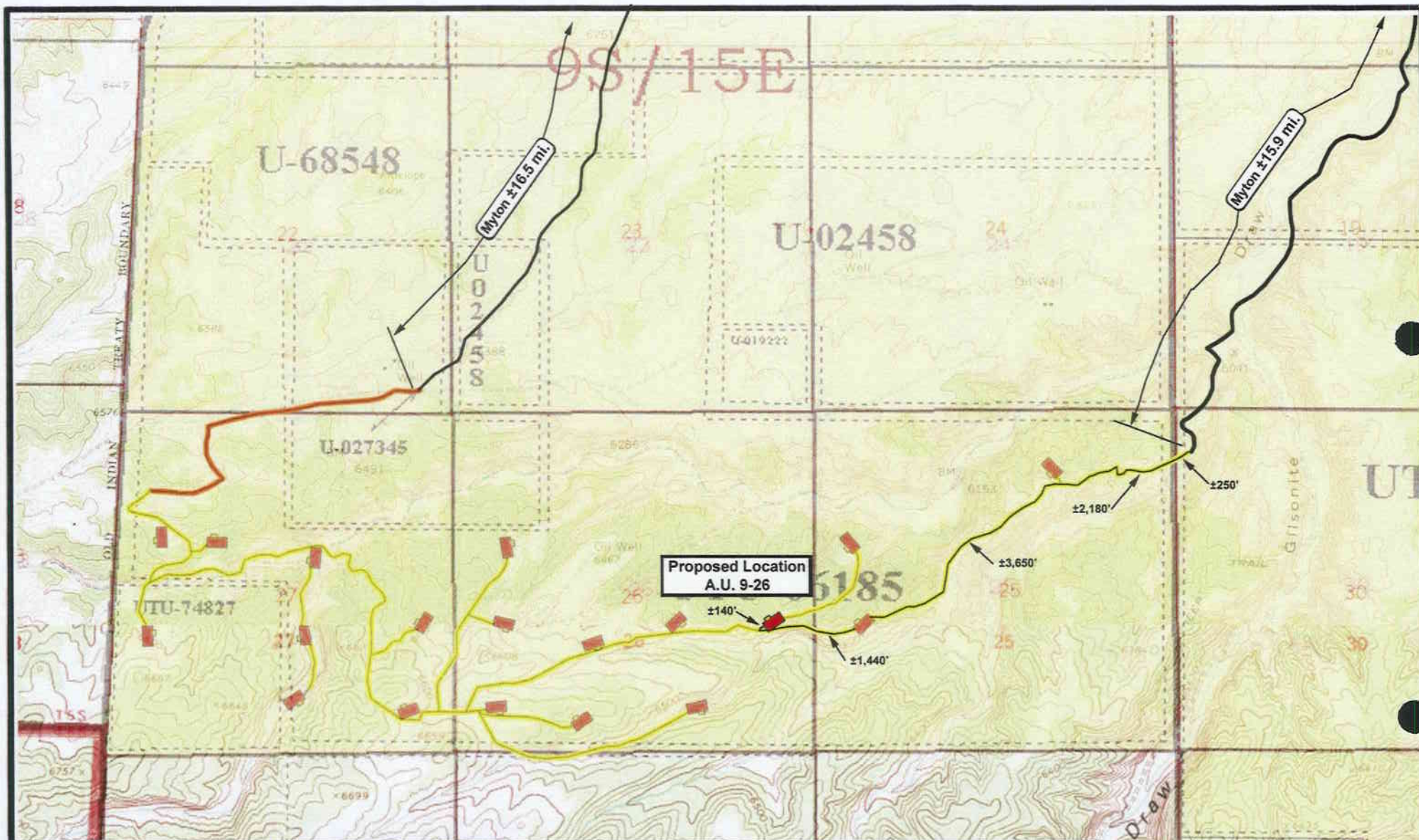
**Existing Road**

**Proposed Access**

**TOPOGRAPHIC MAP**

**"A"**





**NEWFIELD**  
Exploration Company

**Ashley Unit 9-26-9-15**  
**SEC. 26, T9S, R15E, S.L.B.&M.**

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

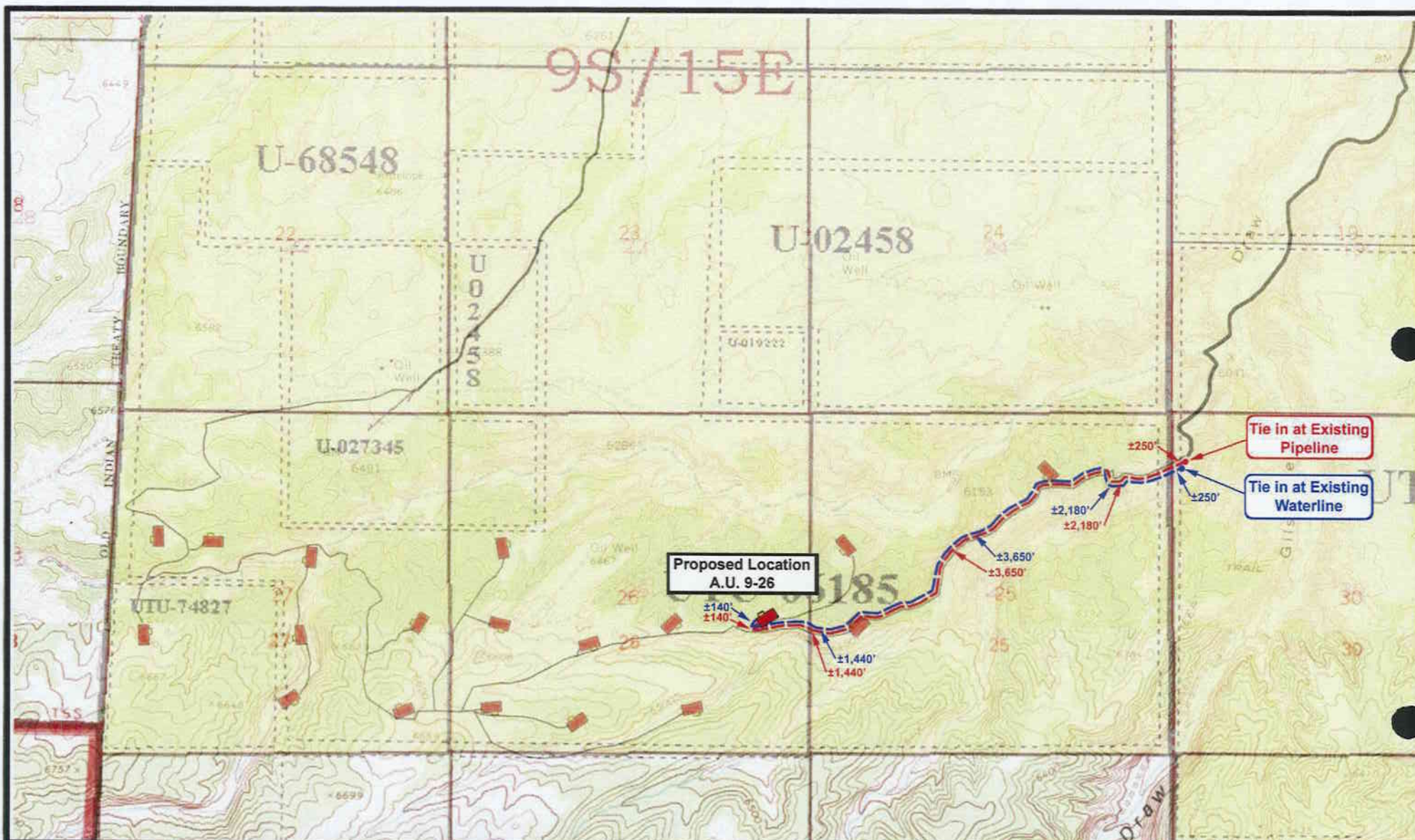
SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 07-19-2005

**Legend**

Existing Road  
Proposed Access

**"B"**





**NEWFIELD**  
Exploration Company

**Ashley Unit 9-26-9-15**  
**SEC. 26, T9S, R15E, S.L.B.&M.**

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

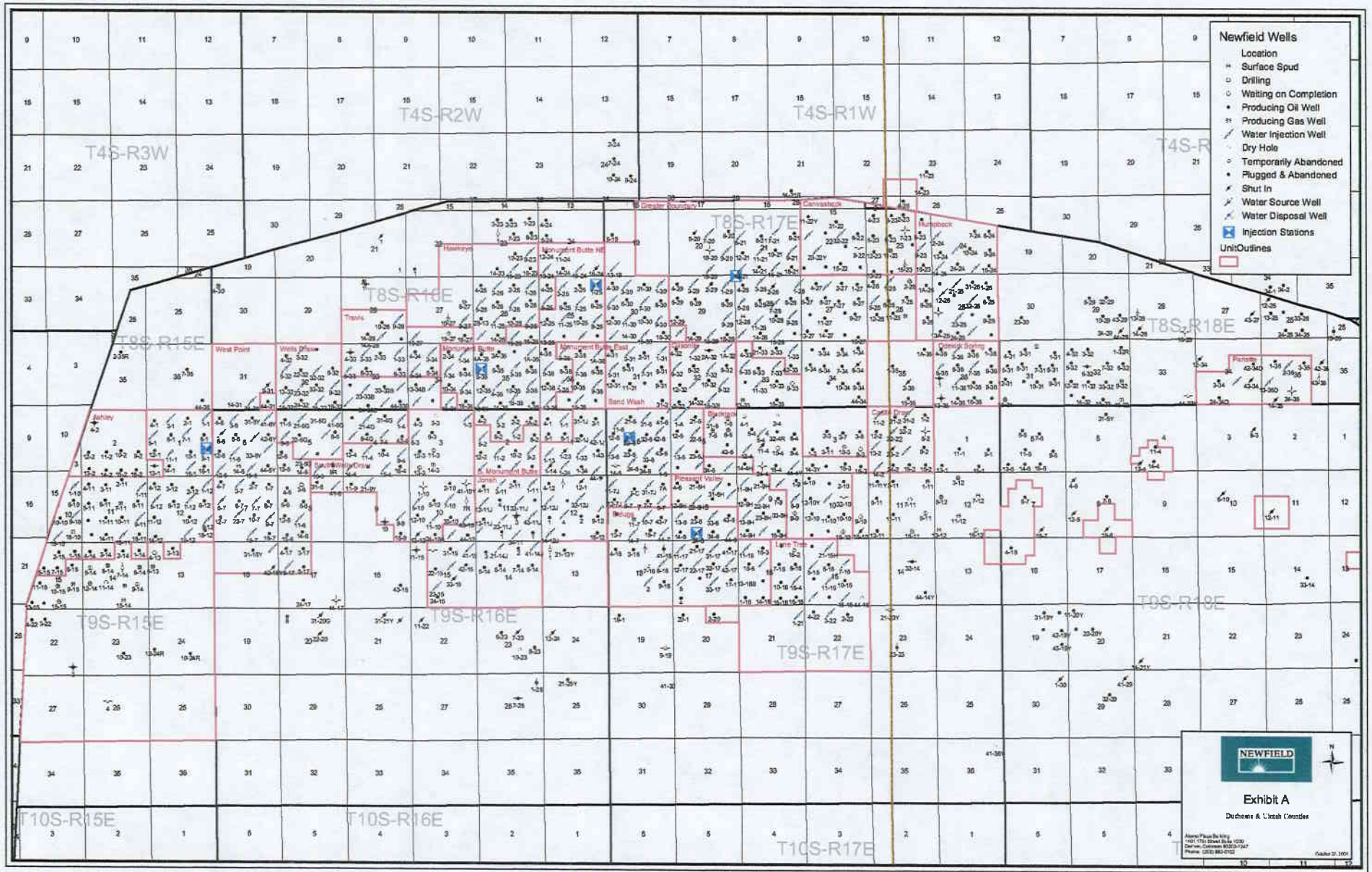
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DRAWN BY: mw  
DATE: 07-19-2005

**Legend**

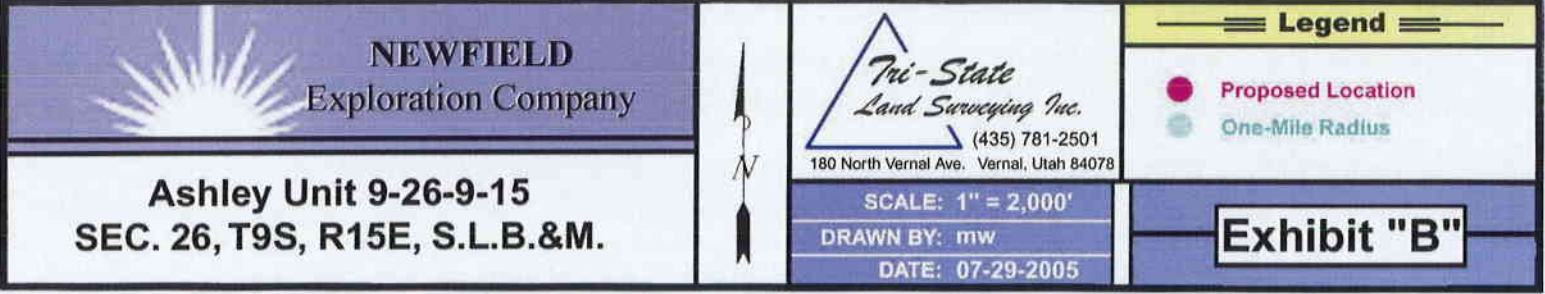
- Roads
- Proposed Gas Line
- Proposed Water Line

**"C"**









## 2-M SYSTEM

Blowout Prevention Equipment Systems

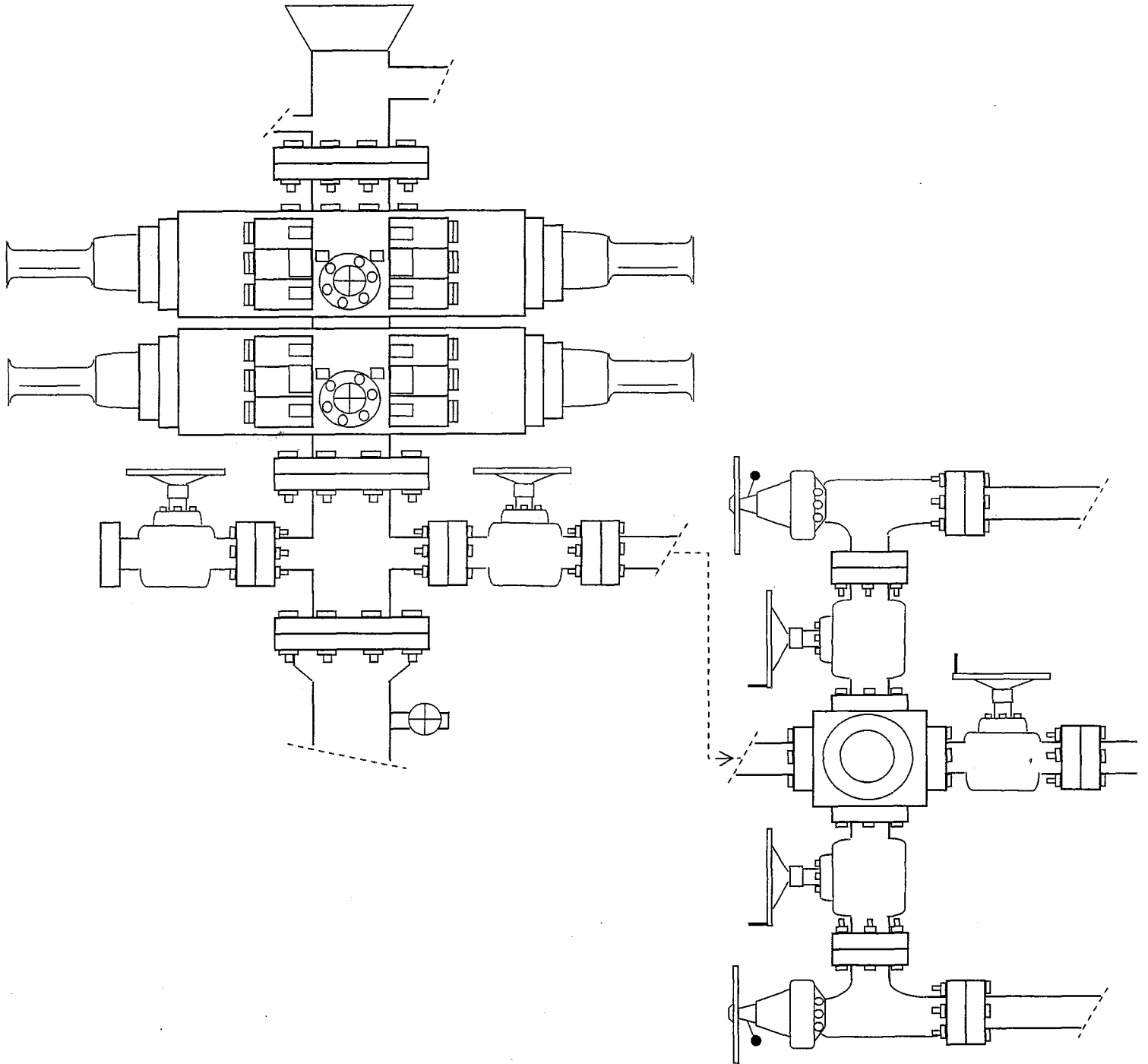


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL  
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST  
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

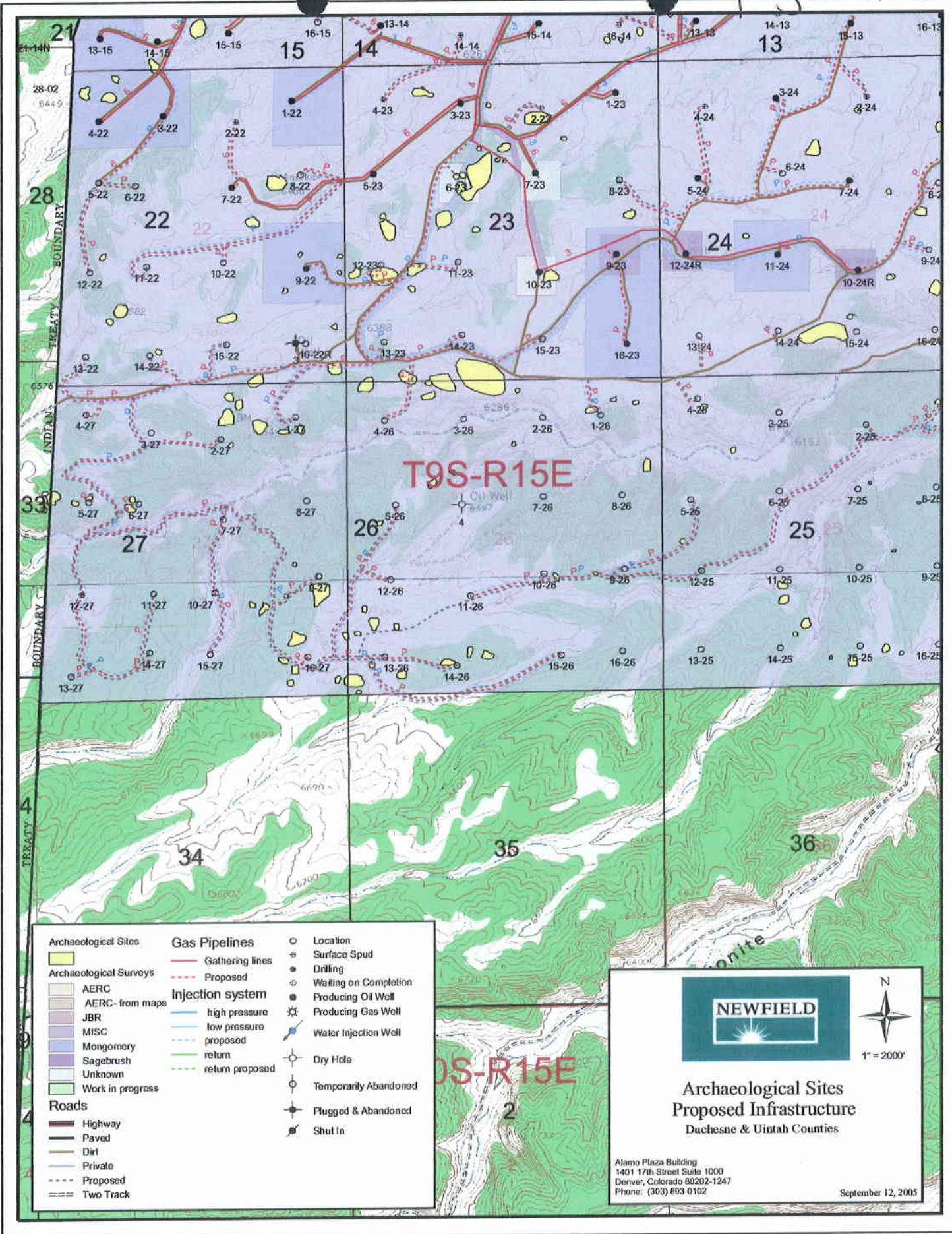
MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1417b





**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25,  
T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E  
[1 through 16-26-9-15]

**REPORT OF SURVEY**

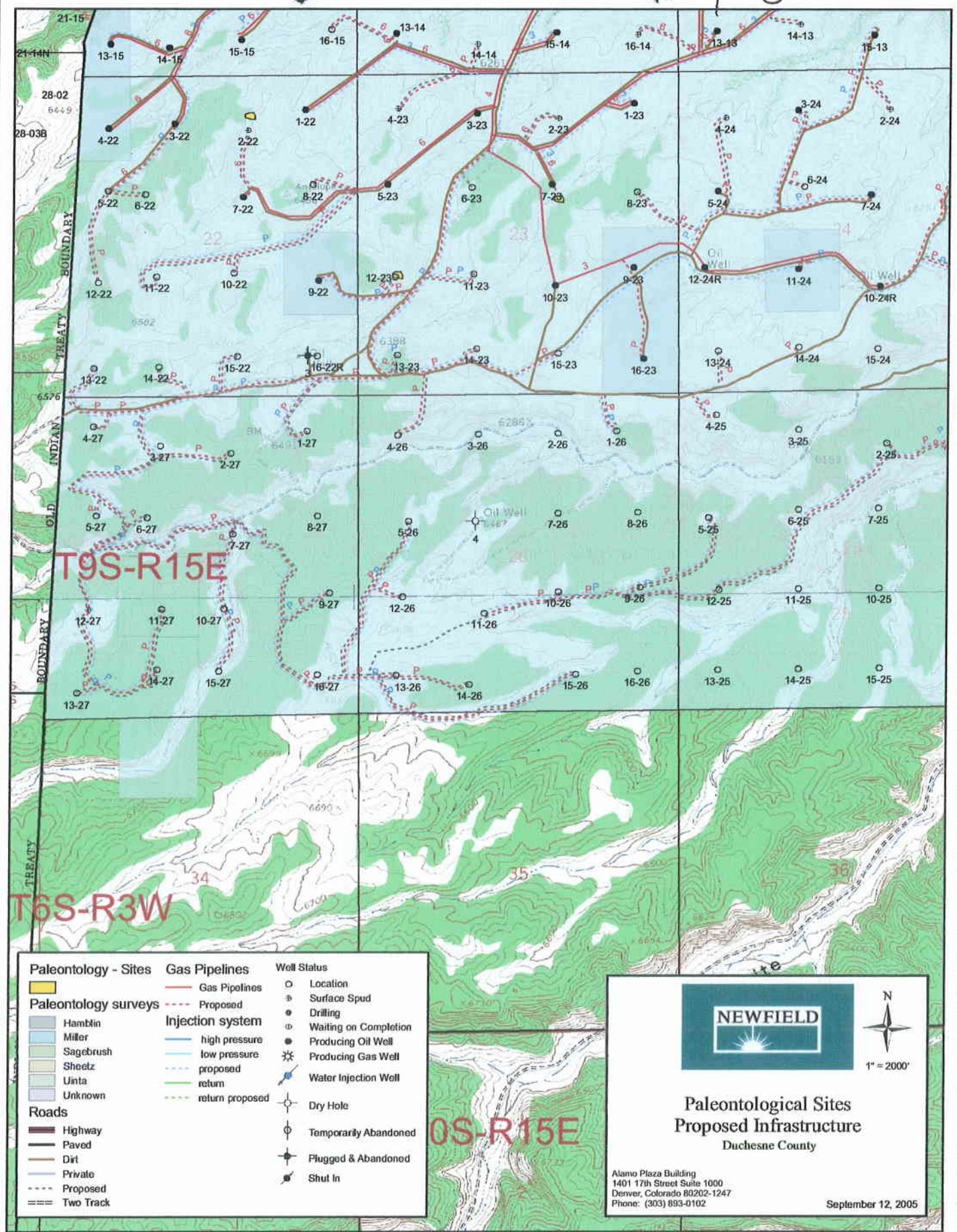
Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
August 29, 2005







**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/14/2005

API NO. ASSIGNED: 43-013-32902

WELL NAME: ASHLEY FED 9-26-9-15

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

**PROPOSED LOCATION:**

NESE 26 090S 150E

SURFACE: 2042 FSL 0618 FEL

BOTTOM: 2042 FSL 0618 FEL

DUCHESNE

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.00027

LONGITUDE: -110.1915

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTU0056 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☒ RDCC Review (Y/N)

(Date: \_\_\_\_\_ )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

       R649-2-3.

Unit ASHLEY

       R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 242-1

Eff Date: 8-25-1998

Siting: Success General Siting

       R649-3-11. Directional Drill

COMMENTS: See Separate Files

STIPULATIONS: 1-federal Approval

# MONUMENT BUTTE FIELD

CASTLE PEAK U 3

ASHLEY HED  
12-23-94

ASHLEY HED  
10-23-94

ASHLEY  
HED 10-23

ASHLEY HED  
10-23-94

ASHLEY HED  
14-23-94  
ANTELOPE CANYON  
HED 24-23

ASHLEY HED  
15-23-94

ASHLEY HED  
16-23-94

ASHLEY HED  
13-24-94

ASHLEY HED  
14-24-94

T9S R15E

# CASTLE PEAK FIELD

ASHLEY HED  
1-27-94

ASHLEY HED  
4-26-94

ASHLEY HED  
1-26-94

ASHLEY HED  
4-25-94

# ASHLEY UNIT CAUSE: 242-1 / 8-25-1998

ASHLEY HED  
5-26-94

CASTLE PEAK U 4

ASHLEY HED  
5-25-94

ASHLEY HED  
9-27-94

ASHLEY HED  
12-26-94

ASHLEY HED  
10-26-94

ASHLEY HED  
9-26-94

ASHLEY HED  
12-25-94

ASHLEY HED  
16-27-94

ASHLEY HED  
13-26-94

ASHLEY HED  
10-26-94

ASHLEY HED  
14-26-94

ASHLEY HED  
15-26-94

34

35

36

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 26 T. 9S R. 15E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998

## Wells Status

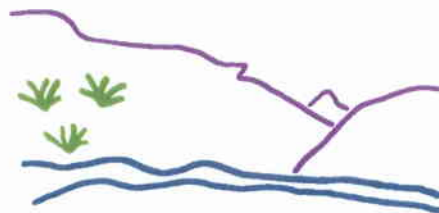
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

## Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

## Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 15-SEPTEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

September 15, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32899	Ashley Federal	1-26-9-15 Sec 26 T09S R15E 0633 FNL 1014 FEL
43-013-32900	Ashley Federal	4-26-9-15 Sec 26 T09S R15E 0537 FNL 0535 FWL
43-013-32901	Ashley Federal	5-26-9-15 Sec 26 T09S R15E 2081 FNL 0832 FWL
43-013-32902	Ashley Federal	9-26-9-15 Sec 26 T09S R15E 2042 FSL 0618 FEL
43-013-32903	Ashley Federal	10-26-9-15 Sec 26 T09S R15E 1980 FSL 1974 FEL
43-013-32904	Ashley Federal	11-26-9-15 Sec 26 T09S R15E 1640 FSL 2079 FWL
43-013-32905	Ashley Federal	12-26-9-15 Sec 26 T09S R15E 1928 FSL 0741 FWL
43-013-32906	Ashley Federal	13-26-9-15 Sec 26 T09S R15E 0630 FSL 0634 FWL
43-013-32907	Ashley Federal	14-26-9-15 Sec 26 T09S R15E 0468 FSL 1836 FWL
43-013-32908	Ashley Federal	15-26-9-15 Sec 26 T09S R15E 0613 FSL 1688 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File -- Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 19, 2005

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 8-26-9-15 Well, 2042' FSL, 618' FEL, NE SE, Sec. 26,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32902.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company  
Well Name & Number Ashley Federal 8-26-9-15  
API Number: 43-013-32902  
Lease: UTU-66185

Location: NE SE                      Sec. 26                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 04 2006

RECEIVED

SEP 14 2005

DIV. OF OIL, GAS &amp; MINING

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.	UTU-66185
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA Agreement, Name and No.	Ashley
8. Lease Name and Well No.	Ashley Federal 9-26-9-15
9. API Well No.	43-013-32902
10. Field and Pool, or Exploratory	Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area	NE/SE Sec. 26, T9S R15E
12. County or Parish	Duchesne
13. State	UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		
2. Name of Operator Newfield Production Company		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 2042' FSL 618' FEL At proposed prod. zone		
14. Distance in miles and direction from nearest town or post office* Approximately 17.3 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2042' f/ise & 2042' f/unit	16. No. of Acres in lease 2,286.43	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1418'	19. Proposed Depth 5940'	20. BLM/BIA Bond No. on file UTU0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6471' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 9/9/05
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) JERRY KENCZKA	Date 7-28-2006
Title Assistant Field Manager Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company Location: NESE, Sec. 26, T9S, R15E  
Well No: Ashley Federal 9-26-9-15 Lease No: UTU-66185  
API No: 43-013-32902 Agreement: Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Chris Carusona)            | - Forty-Eight (48) hours prior to construction of location and access roads.                                   |
| Location Completion<br>(Notify Chris Carusona)              | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.                             |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production |

for more than ninety (90) days.



***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**DRILLING AND CONSTRUCTION**

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit). Prevent fill and stock piles from entering drainages.

**CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION**

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The

holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder. The access road shall be crowned and ditched. Flat-bladed roads are **NOT** allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

All well facilities not regulated by OSHA shall be painted Olive Black.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

#### INTERIM RECLAMATION

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheat grass <i>Agropyron cristatum</i>	4 lbs/acre
Per Live Seed Total	4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed it should be re-contoured, then the area should be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

#### COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil

reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

#### ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia spp* or shrubs, broadcast seed and chain.

Final reclamation shall be a stage process:

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field

Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

LEASE STIPULATIONS:

UTU-66185

No occupancy or other surface disturbance in Sec. 25; NE, NENW, S2NW, S2 Sec. 26. T. 9 S., R. 15 E., SLM, Utah, will be allowed on slopes in excess of 40 percent, without written permission from the authorized office of the Bureau of Land Management.

In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in Sec. 25; NE, NENW, S2NW, S2 Sec. 26; T. 9 S., R. 15 E., SLM, Utah, will be allowed only during dry soil periods, over a snow cover or frozen ground.

In order to protect big game seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1.

Crucial Deer and Elk Winter Range - No surface use December 1 through April 30.

## **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or

workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production.

Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-66185**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FEDERAL 9-26-9-15**

9. API Well No.

**43-013-32902**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2042 FSL 618 FEL**

**NE/SE Section 26, T9S R15E**

**CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

**Permit Extension**

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/19/05 (expiration 9/19/06).

This APD was approved yet by the BLM on 7/28/06.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-25-06  
By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]  
Mandie Crozier

Title

Regulatory Specialist

Date

9-1-2006

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

9/28/06  
RM

Title

**RECEIVED**

**SEP 05 2006**

DIV. OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-013-32902  
**Well Name:** Ashley Federal 9-26-9-15  
**Location:** NE/SE Section 26, T9S R15E  
**Company Permit Issued to:** Newfield Production Company  
**Date Original Permit Issued:** 9/19/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

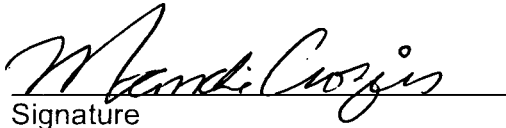
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

9/1/2006  
Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED  
SEP 05 2006

DIV. OF OIL, GAS & MINING

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 9-26-9-15

Api No: 43-013-32902 Lease Type: FEDERAL

Section 26 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 09/26/06

Time 12:30 PM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 09/27/06 Signed CHD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

RECEIVED  
SEP 27 2006

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84062

OPERATOR ACCT. NO. N2695

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15675	43-013-32945	Ashley Federal 3-25-9-15	NE/NW	25	9S	15E	DUCHESNE	09/21/06	9/28/06
WELL 1 COMMENTS: GRU											
A	99999	15676	43-013-32946	Ashley Federal 6-25-9-15	SE/NW	25	9S	15E	DUCHESNE	09/22/06	9/28/06
WELL 2 COMMENTS: GRU											
A	99999	15677	43-013-32885	Ashley Federal 5-25-9-15	SW/NW	25	9S	15E	DUCHESNE	09/25/06	9/28/06
WELL 3 COMMENTS: GRU											
A	99999	15678	43-013-32902	Ashley Federal 9-26-9-15	NE/SE	26	9S	15E	DUCHESNE	09/26/06	9/28/06
WELL 4 COMMENTS: GRU											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 5 COMMENTS:											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well) only
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

*Lana Nebeker*  
Signature LANA NEBEKER

Production Analyst  
Title

September 27, 2006  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section T R 5-26 T09S R15E

5. Lease Serial No.

utu-66185

6. If Indian, Allottee or Tribe Name.

NA

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY 9-26-9-15

9. API Well No.

4301332902

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/26/06 MIRU NDSI NS # 1. Spud well @ 12:30 PM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.69 KB On 9/30/06 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 2 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Alvin Nielsen

Signature

Title

Drilling Foreman

Date

10/01/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 322.69

LAST CASING 8 5/8" set @ 322.69  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Ashley Federal 9-26-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 44.48'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.84	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			312.69	
TOTAL LENGTH OF STRING		312.69	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			322.69	
TOTAL		310.84	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		310.84	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	9/26/2006	12:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			9/27/2006	11:00 AM	Bbls CMT CIRC TO SURFACE			2
BEGIN CIRC			9/30/2006	9:54 AM	RECIPROCATED PIPE FOR			N/A
BEGIN PUMP CMT			9/30/2006	10:10 AM				
BEGIN DSPL. CMT			9/30/2006	10:20 AM	BUMPED PLUG TO			470 PSI
PLUG DOWN			9/30/2006	10:28 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Johnny Davis DATE 10/1/2006

RECEIVED

OCT 03 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

5. Lease Serial No. UTU 46-185  
6. If Indian, Allottee or Tribe Name.  
7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA A  
8. Well Name and No.  
ASHLEY 9-26-9-15  
9. API Well No.  
4301332902  
10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE  
11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESE Section 26 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Status Report</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10-9-06 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5940'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 144 jt's of 5.5 J-55, 15.5# csgn. Set @ 5926.9' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. 50 bbls Cmt circulated to pit. Nipple down Bop's. Set slips @ 80,000 #'s tension. Release rig 6:00 pm on 10-15-06.

RECEIVED  
OCT 17 2006

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Johnny Davis

Signature

Title

Drilling Foreman

Date

10/15/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 18 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5926.9

Flt cllr @ 5882.53'

LAST CASING 8 5/8" SET # 324.54  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5975 LOGGER ' \_\_\_\_\_  
 HOLE SIZE 7 7/8"

OPERATOR Newfield Production Company  
 WELL AF 9-26-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI # 1

## LOG OF CASING STRING:

LESS CUT OFF STRING								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		6.60 sht jt @3930.85"						
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5869.28	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.37	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING LESS CUT OFF PIECE PLUS DATUM TO T/CUT OFF CSG CASING SET DEPTH				5928.9
TOTAL LENGTH OF STRING		5928.9	135					14
LESS NON CSG. ITEMS		15.25						12
PLUS FULL JTS. LEFT OUT		267.36	5					5926.9
TOTAL		6181.01	140					
TOTAL CSG. DEL. (W/O THRDS)		6181.01	140	} COMPARE				
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		10/14/2006	8:00 AM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		10/14/2006	10:30 AM	Bbls CMT CIRC TO SURFACE				50
BEGIN CIRC		10/14/2006	10:30 AM	RECIPROCATED PIPE FOR				THRUSTROKE No
BEGIN PUMP CMT		10/14/2006	11:49 AM	DID BACK PRES. VALVE HOLD ?				Yes
BEGIN DSPL. CMT		10/14/2006	0:49	BUMPED PLUG TO				2102 PSI
PLUG DOWN		10/14/2006	1:15 PM					
CEMENT USED		B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	300	Premlite II w/ 10% gel + 3 % KCL, 3#'s /sk CSE + 2# sk/kolseal + 1/2#'s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Johnny Davis DATE 10/15/2006



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2042 FSL 618 FEL  
NESE Section 26 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY FEDERAL 9-26-9-15

9. API Well No.

4301332902

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

COPY SENT TO OPERATOR  
Date: \_\_\_\_\_  
Initials: \_\_\_\_\_

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

11/16/2006

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 17 2006

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**USA UTU-66185**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. WELL NAME and NUMBER: <b>ASHLEY FEDERAL 9-26-9-15</b>
2. NAME OF OPERATOR: <b>NEWFIELD PRODUCTION COMPANY</b>		9. API NUMBER: <b>4301332902</b>
3. ADDRESS OF OPERATOR: <b>Route 3 Box 3630</b>	CITY <b>Myton</b> STATE <b>UT</b> ZIP <b>84052</b>	10. FIELD AND POOL, OR WILDCAT: <b>MONUMENT BUTTE</b>
4. LOCATION OF WELL: FOOTAGES AT SURFACE: <b>2042 FSL 618 FEL</b>		COUNTY: <b>DUCHESNE</b>
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE, 26, T9S, R15E</b>		STATE: <b>UT</b>

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <b>11/21/2006</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 10/26/06 - 11/15/06

Subject well had completion procedures initiated in the Green River formation on 10-26-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5429'-5435'), (5461'-5474'); Stage #2 (5278'-5294'); Stage #3 (5146'-5154'); Stage #4 (4836'-4842'), (4853'-4859'), (4870'-4875'); Stage #5 (4603'-4624'). All perforations, were 4 JSPF. Composite flow-through frac plugs were drilled out and well was cleaned to 5921'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 11-15-2006.

NAME (PLEASE PRINT) **Jentri Park**

TITLE **Production Clerk**

SIGNATURE

DATE **11/21/2006**

(This space for State use only)

RECEIVED

**NOV 24 2006**

DIV. OF OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 2042' FSL & 618' FEL (NE/SE) Sec. 26, T9S, R15E

At top prod. Interval reported below

At total depth

14. API NO. 43-013-32902 DATE ISSUED 09/19/06

5. LEASE DESIGNATION AND SERIAL NO.

UTU-66185

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Ashley

8. FARM OR LEASE NAME, WELL NO.

Ashley Federal 9-26-9-15

9. WELL NO.

43-013-32902

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 26, T9S, R15E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

09/26/06

16. DATE T.D. REACHED

10/13/06

17. DATE COMPL. (Ready to prod.)

11/15/06

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6471' GL

19. ELEV. CASINGHEAD

6483' KB

20. TOTAL DEPTH, MD & TVD

5940'

21. PLUG BACK T.D., MD & TVD

5921'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4603'-5474'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5927'	7-7/8"	300 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5558'	5398'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2 & 3) 5461'-74, 5429'-5435'	.46"	4/76	5474'-5429'	Frac w/ 29,378# 20/40 sand in 365 bbls fluid
(LODC) 5278'-5294'	.43"	4/64	5278'-5294'	Frac w/ 50,541# 20/40 sand in 427 bbls fluid
(LODC) 5146'-5154'	.43"	4/32	5146'-5154'	Frac w/ 19,886# 20/40 sand in 380 bbls fluid
(A1) 4870'-75', 4853'-49', 4836'-42'	.43"	4/68	4875'-4836'	Frac w/ 60,108# 20/40 sand in 474 bbls fluid
(B.5) 4603'-4624'	.43"	4/84	4603'-4624'	Frac w/ 103,709# 20/40 sand in 774 bbls fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION 11/15/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 14' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 13	GAS--MCF. 4	WATER--BBL. 95		GAS-OIL RATIO 308
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.) RECEIVED	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

NOV 30 2006

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Centri Park

TITLE

Production Clerk

DATE

11/29/2006

JP

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
			Well Name		MEAS. DEPTH	TRUE
			Ashley Federal 9-26-9-15			VERT. DEPTH
				Garden Gulch Mkr	3460'	
				Garden Gulch 1	3670'	
				Garden Gulch 2	3786'	
				Point 3 Mkr	4016'	
				X Mkr	4290'	
				Y-Mkr	4325'	
				Douglas Creek Mkr	4430'	
				BiCarbonate Mkr		
				B Limestone Mkr	4748'	
				Castle Peak	5320'	
				Basal Carbonate		
				Total Depth (LOGGERS)	5953'	

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3639  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
C	15675	12419	4301332945	ASHLEY FEDERAL 3-25-9-15	NENW	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											
C	15663	12419	4301332903	ASHLEY FEDERAL 10-26-9-15	NW/SE	26	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											
C	15676	12419	4301332946	ASHLEY FEDERAL 8-25-9-15	SE/NW	25	9S	15E	DUCHESNE		2/13/07
WELL 6 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											
C	15678	12419	4301332902	ASHLEY FEDERAL 9-26-9-15	NE/SE	26	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											
C	15677	12419	430133885	ASHLEY FEDERAL 5-25-9-15	SW/NW	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											
C	15686	12419	4301332883	ASHLEY FEDERAL 2-25-9-15	NW/NE	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006 GRV											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or well only)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (update in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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FEB 14 2007

RECEIVED  
JAN 14 2007

DIV. OF OIL, GAS & MINING

DIV. OF OIL, GAS & MINING

*Lana N. Becker*  
Signature LANA NEBEKER

Production Analyst

February 12, 2006

Title

Date



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3180  
UT-922

FEB 02 2007

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FEB 07 2007

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, CO 80202

DIV. OF OIL, GAS & MINING

Re: 1st Revision Consolidated  
Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

The 1st Revision of the Consolidated Green River Formation "A,B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of October 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 1st Revision of the Consolidated Green River Formation PA "A, B" results in a Participating Area of 7,350.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELL NO.	API NO.	LOCATION	LEASE NO.
15-24	43-013-32943	SWSE, 24-9S-15E	UTU02458
16-24	43-013-32944	SESE, 24-9S-15E	UTU02458
16-27	43-013-32881	SESE, 27-9S-15E	UTU66185
14-26	43-013-32907	SESW, 26-9S-15E	UTU66185
13-26	43-013-32906	SWSW, 26-9S-15E	UTU66185
15-26	43-013-32908	SWSE, 26-9S-15E	UTU66185
11-26	43-013-32904	NESW, 26-9S-15E	UTU66185
3-25	43-013-32945	NENW, 25-9S-15E	UTU66185
10-26	43-013-32903	NWSE, 26-9S-15E	UTU66185
6-25	43-013-32946	SENW, 25-9S-15E	UTU66185
9-26	43-013-32902	NESE, 26-9S-15E	UTU66185
5-25	43-013-32885	SWNW, 25-9S-15E	UTU66185
2-25	43-013-32883	NWNE, 25, 9S-15E	UTU66185
11-25	43-013-32905 32910	NWSW, 26, 9S-15E	UTU66185
9-25	43-013-32948	NESE, 25, 9S-15E	UTU66185
15-25	43-013-32950	SWSE, 25, 9S-15E	UTU66185

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 1st Revision of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

*/s/ Douglas F. Cook*

Douglas F. Cook  
Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining  
SITLA  
Ashley Unit w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Central Files  
CSeare:cs (01/31/06)Ashley Consolidated PA "A, B"1st.Rev.



January 15, 2008

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #9-26-9-15  
Monument Butte Field, Ashley PA AB, Lease #UTU-66185  
Section 26-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Ashley Federal #9-26-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Ashley PA AB.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink that reads "David Gerbig". The signature is fluid and cursive, with the first and last names being clearly legible.

David Gerbig  
Operations Engineer

**RECEIVED**

**JAN 22 2008**

**DIV. OF OIL, GAS & MINING**



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #9-26-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER)**  
**ASHLEY PA AB**  
**LEASE #UTU-66185**  
**JANUARY 15, 2008**

**RECEIVED**

**JAN 22 2008**

**DIV. OF OIL, GAS & MINING**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Ashley Federal #9-26-9-15  
Field or Unit name: Monument Butte (Green River), Ashley PA AB Lease No. UTU-66185  
Well Location: QQ NE/SE section 26 township 9S range 15E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_

API number: 43-013-32902

Proposed injection interval: from 3786 to 5953  
Proposed maximum injection: rate 500 bpd pressure 1870 psig  
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: David Gerbig

Title Operations Engineer

Phone No. (303) 893-0102

Signature 

Date 1-26-08

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

# Ashley Federal 9-26-9-15

Spud Date: 9/26/06  
Put on Production: 11/15/06  
K.B.: 6483, G.L.: 6471

## Proposed Injection Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.84')  
DEPTH LANDED: 322.69' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

### PRODUCTION CASING

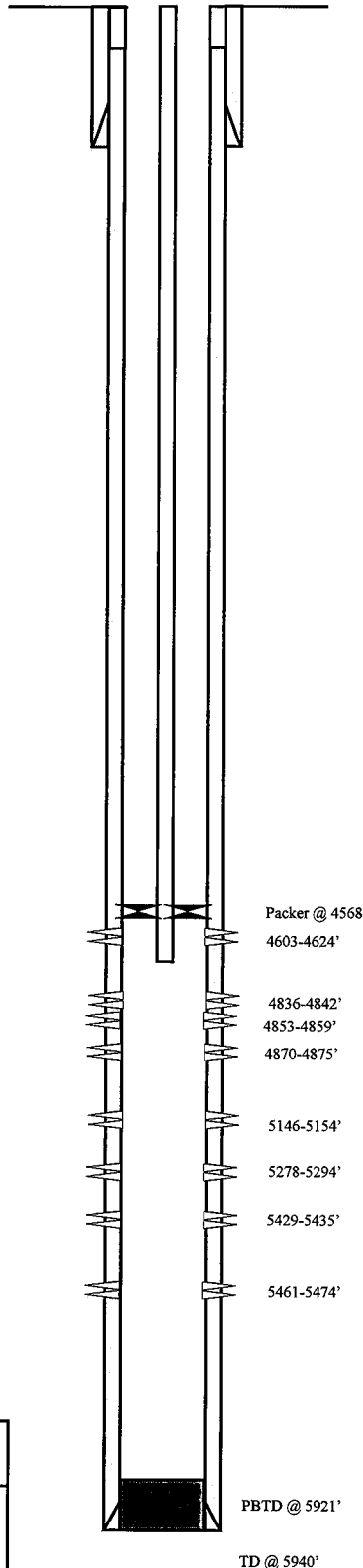
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5913.65')  
DEPTH LANDED: 5926.90' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 96'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 175 jts (5385.93')  
TUBING ANCHOR: 5397.93' KB  
NO. OF JOINTS: 3 jts (92.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5493.48' KB  
NO. OF JOINTS: 2 jts (63.26')  
TOTAL STRING LENGTH: EOT @ 5558.07' KB

### FRAC JOB

11/01/06	5429-5474'	<b>Frac CP2, CP3 sands as follows:</b> 29378# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2035 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5472 gal. Actual flush: 4922 gal.
11/01/06	5278-5294'	<b>Frac LODC sands as follows:</b> 50541# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 24.7 BPM. 3060 psi. Calc flush: 5292 gal. Actual flush: 4771 gal.
11/01/06	5146-5154'	<b>Frac LODC sands as follows:</b> 19886# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3342 psi w/avg rate of 20.2 BPM. ISIP 2700 psi. Calc flush: 5152 gal. Actual flush: 4637 gal.
11/02/06	4836-4875'	<b>Frac A1 sands as follows:</b> 60108# 20/40 sand in 474 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.3 BPM. ISIP 2270 psi. Calc flush: 4873 gal. Actual flush: 4330 gal.
11/01/06	4603-4624'	<b>Frac B.5 sands as follows:</b> 103709# 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25.4 BPM. ISIP 1900 psi. Calc flush: 4622 gal. Actual flush: 4494 gal.



### PERFORATION RECORD

10/26/06	5461-5474'	13 JSPF	52 holes
10/26/06	5429-5435'	4 JSPF	24 holes
11/01/06	5278-5294'	4 JSPF	64 holes
11/01/06	5146-5154'	4 JSPF	32 holes
11/01/06	4870-4875'	4 JSPF	20 holes
11/01/06	4853-4859'	4 JSPF	24 holes
11/01/06	4836-4842'	4 JSPF	24 holes
11/02/06	4603-4624'	4 JSPF	84 holes

**NEWFIELD**

**Ashley Federal 9-26-9-15**

2042' FSL & 618' FEL

NE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32902; Lease #UTU-66185

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS**  
**RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #9-26-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Ashley PA AB.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #9-26-9-15 well, the proposed injection zone is from Garden Gulch to Basal Limestone (3786' - 4748'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 3460' and the Castle Peak top at 5320'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #9-26-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-66185) in the Monument Butte (Green River) Field, Ashley PA AB, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 323' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5927' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.



**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1870 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #9-26-9-15, for existing perforations (4603' - 5474') calculates at 0.85 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1870 psig. We may add additional perforations between 3460' and 5953'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #9-26-9-15, the proposed injection zone (3786' - 5953') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-8.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

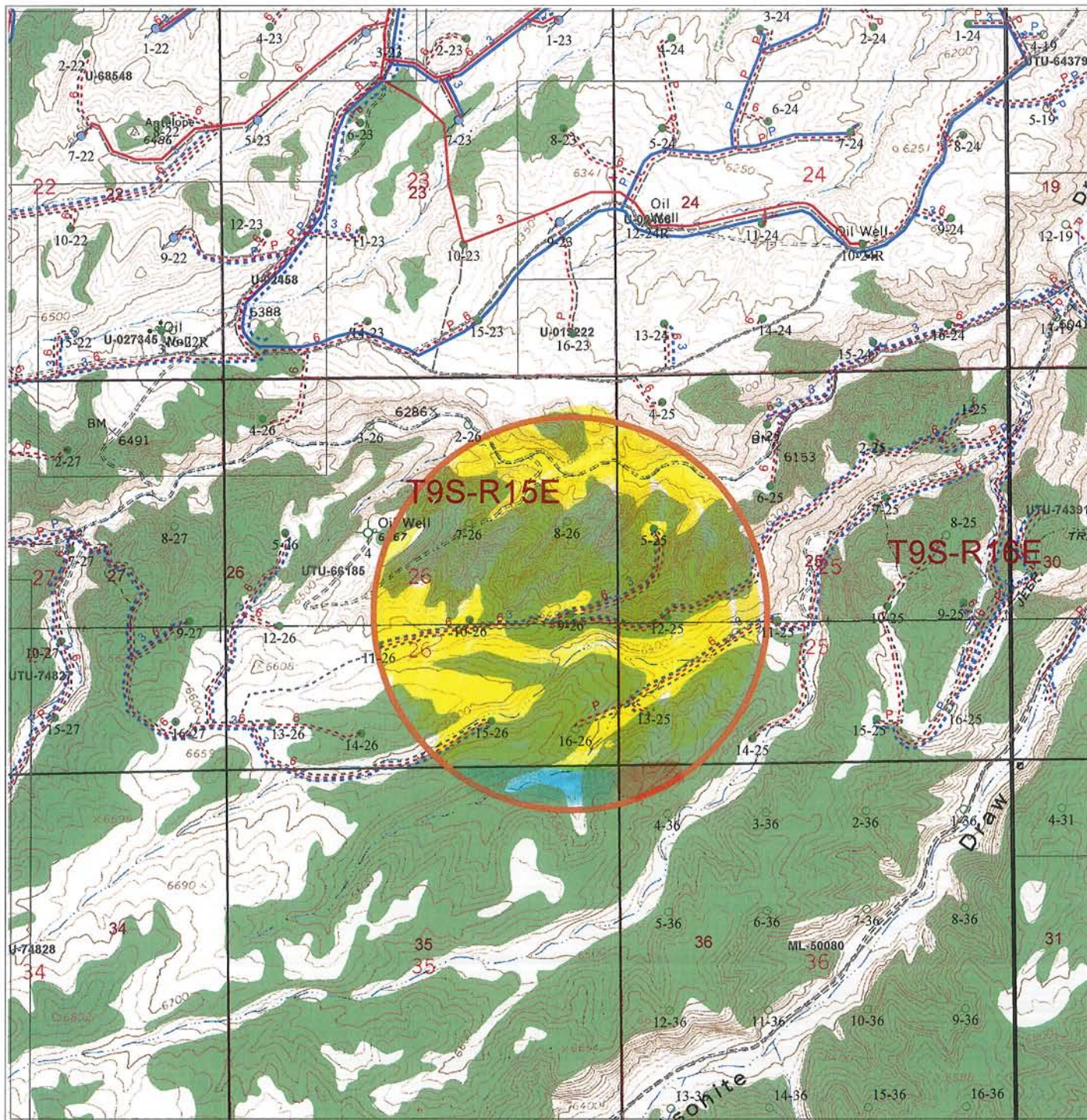
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Leases**
- Leases
  - 9-26-9-15 1/2mile radius

Attachment A

Ashley 9-26-9-15  
Section 26, T9S-R15E

**NEWFIELD**  
ROCKY MOUNTAINS



1/2 Mile Radius Map  
Duchesne County

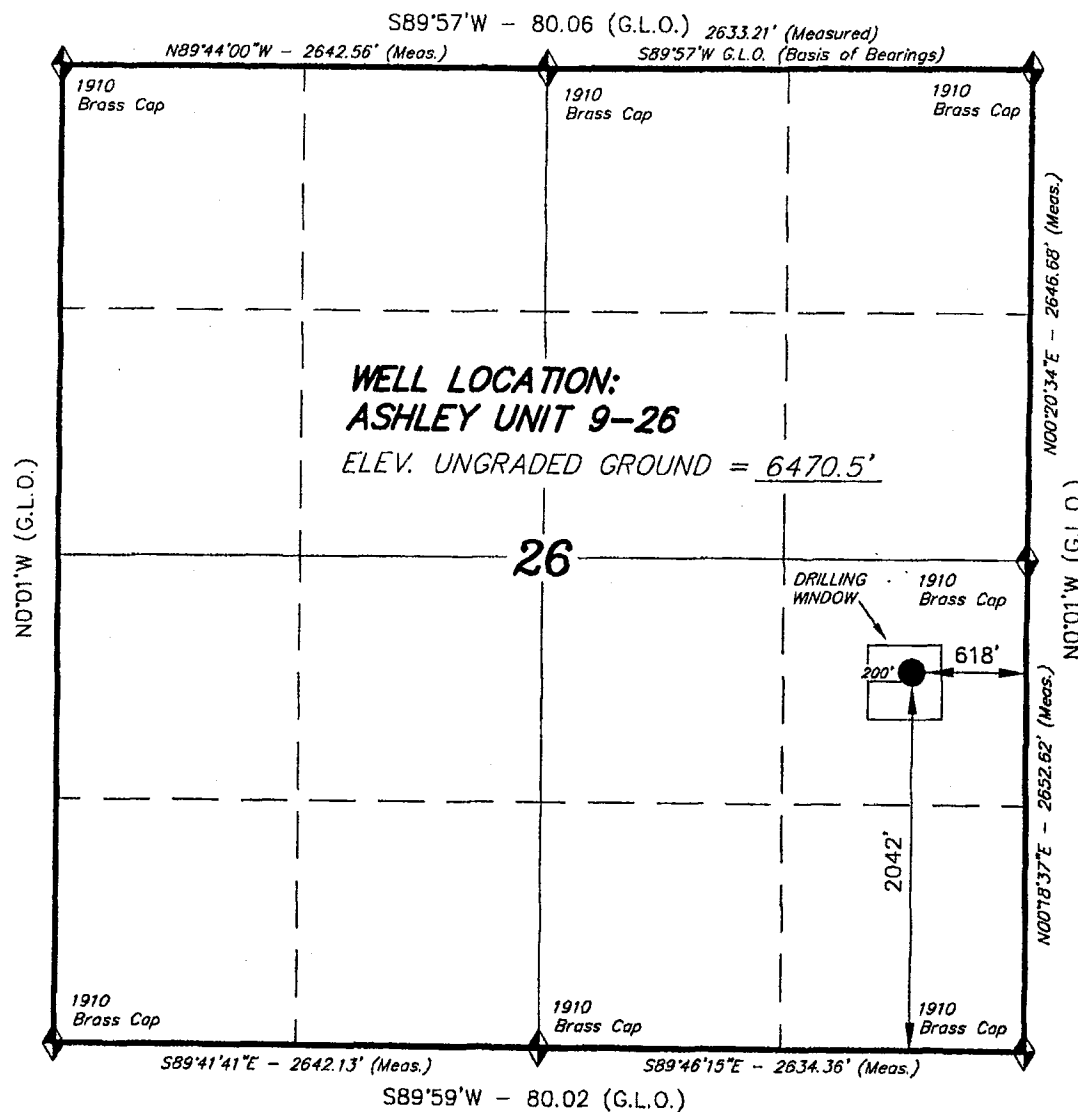
Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

February 20, 2007



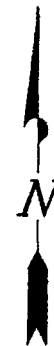
**T9S, R15E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**

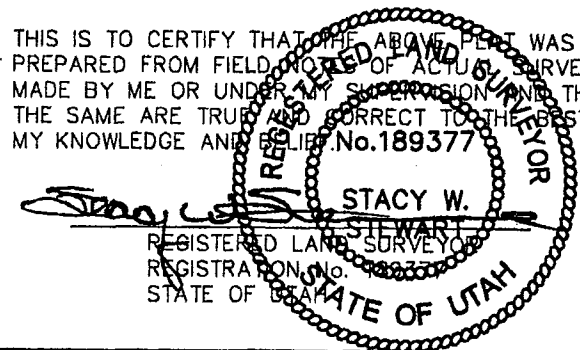


WELL LOCATION, ASHLEY UNIT 9-26,  
LOCATED AS SHOWN IN THE NE 1/4 SE  
1/4 OF SECTION 26, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.

*Attachment A-1*



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 7-8-05	DRAWN BY: F.T.M.
NOTES:	FILE #

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 15 East, SLM</u> Section 22: Lots 2, 3, 4, E/2W/2 Section 23: NE/4NE/4, W/2E/2, S/2NW/4, E/2SW/4 Section 24: N/2N/2 Section 25: All Section 26: NE/4, NE/4NW/4, S/2NW/4, S/2 Section 27: Lots 1, 2, S/2NE/4, E/2NW/4, SE/4	UTU-66185 HBP	Newfield Production Company	USA
2	<u>Township 9 South, Range 15 East, SLM</u> Section 36: ALL	ML-50080 12/1/2015	Newfield Production Company	STATE
3	<u>Township 9 South, Range 15 East, SLM</u> Section 34: E/2 Section 35: All	UTU-78021 12/31/2008	III Exploration Company QEP Uinta Basin Inc.	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Federal #9-26-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 16 day of January, 2008.

Notary Public in and for the State of Colorado: Margaret A. Hubbard

My Commission Expires: 02/26/2010

MARGARET A HUBBARD  
Notary Public  
State of Colorado



## Ashley Federal 9-26-9-15

Spud Date: 9/26/06  
Put on Production: 11/15/06  
K.B.: 6483, G.L.: 6471

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.84')  
DEPTH LANDED: 322.69' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5913.65')  
DEPTH LANDED: 5926.90' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 96'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 175 jts (5385.93')  
TUBING ANCHOR: 5397.93' KB  
NO. OF JOINTS: 3 jts (92.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5493.48' KB  
NO. OF JOINTS: 2 jts (63.26')  
TOTAL STRING LENGTH: EOT @ 5558.07' KB

SUCKER RODS

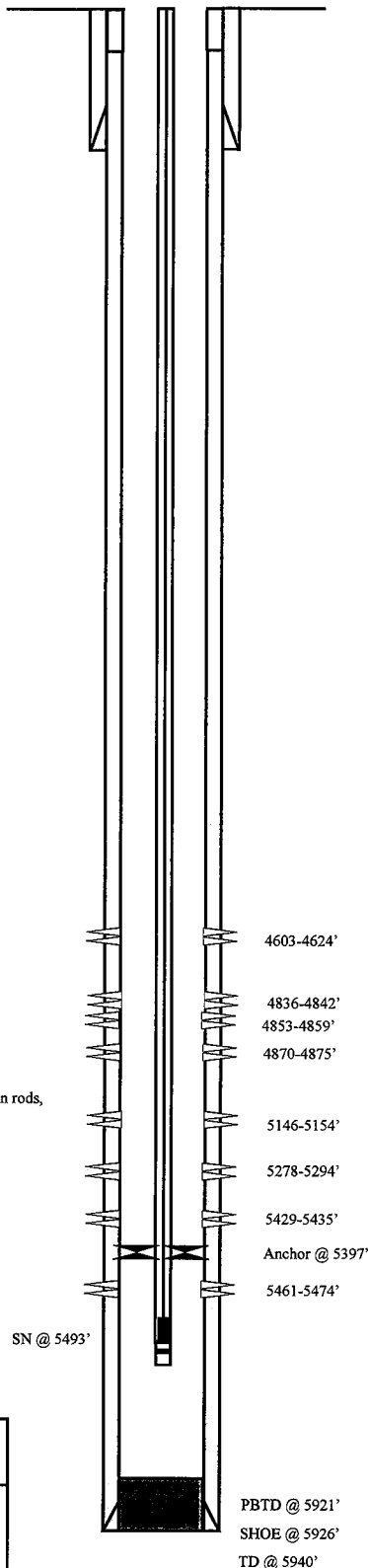
POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 2' x 3/4" pony rod, 99-3/4" guided rods, 104-3/4" plain rods,  
10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 6 SPM:

FRAC JOB

11/01/06	5429-5474'	<b>Frac CP2, CP3 sands as follows:</b> 29378# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2035 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5472 gal. Actual flush: 4922 gal.
11/01/06	5278-5294'	<b>Frac LODC sands as follows:</b> 50541# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 psi w/avg rate of 24.7 BPM. 3060 psi. Calc flush: 5292 gal. Actual flush: 4771 gal.
11/01/06	5146-5154'	<b>Frac LODC sands as follows:</b> 19886# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3342 psi w/avg rate of 20.2 BPM. ISIP 2700 psi. Calc flush: 5152 gal. Actual flush: 4637 gal.
11/02/06	4836-4875'	<b>Frac A1 sands as follows:</b> 60108# 20/40 sand in 474 bbls Lightning 17 frac fluid. Treated @ avg press of 2160 psi w/avg rate of 25.3 BPM. ISIP 2270 psi. Calc flush: 4873 gal. Actual flush: 4330 gal.
11/01/06	4603-4624'	<b>Frac B.5 sands as follows:</b> 103709# 20/40 sand in 774 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25.4 BPM. ISIP 1900 psi. Calc flush: 4622 gal. Actual flush: 4494 gal.

PERFORATION RECORD

10/26/06	5461-5474'	13 JSPF	52 holes
10/26/06	5429-5435'	4 JSPF	24 holes
11/01/06	5278-5294'	4 JSPF	64 holes
11/01/06	5146-5154'	4 JSPF	32 holes
11/01/06	4870-4875'	4 JSPF	20 holes
11/01/06	4853-4859'	4 JSPF	24 holes
11/01/06	4836-4842'	4 JSPF	24 holes
11/02/06	4603-4624'	4 JSPF	84 holes



NEWFIELD

Ashley Federal 9-26-9-15

2042' FSL &amp; 618' FEL

NE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32902; Lease #UTU-66185

## Ashley Federal 5-25-9-15

Spud Date 09/25/2006  
Put on Production: 11/27/2006  
GL: 6301' KB: 6313'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.84')  
DEPTH LANDED: 322.69' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbis cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts. (5801.70')  
DEPTH LANDED: 5800.95' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 168 jts (5186.57')  
TUBING ANCHOR: 5198.57'  
NO. OF JOINTS: 1 jts (29.45')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5230.82'  
NO. OF JOINTS: 2 jts (63.00')  
TOTAL STRING LENGTH: EOT @ 5295.37'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 1-2' x 3/4" pony rod, 98-3/4" scraped rods, 83-3/4" plain rods, 25-3/4" scraped rods, 6-1 1/2" weight rods, 1-2' x 7/8" pony rod.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17' x 21' RHBC MG-3 W/ RD kit  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

FRAC JOB

11/10/2006 5228-5244'

Frac LODC sands as follows:

85862# 20/40 sand in 662 bbis Lightning 17 frac fluid. Treated @ avg press of 230 psi w/avg rate of 25.5 BPM. ISIP 2680 psi. Calc flush: 5226 gal. Actual flush: 4809 gal.

9-6-07

Pump change. Updated rod & tubing details.

Cement Top @ 1320'

Anchor @ 5199'

5228-5244'

SN @ 5231'

EOT @ 5295'

PBTD @ 5733'

SHOE @ 5801'

TD @ 5830'

PERFORATION RECORD

10-31-06 5686-5706' 4 JSPF 64 holes

**NEWFIELD**

**Ashley Federal 5-25-9-15**

2091' FNL & 505' FWL

SW/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32885; Lease #UTU-66185

## Ashley Federal 11-26-9-15

Spud Date: 9/15/06  
Put on Production: 10/27/06  
K.B.: 6525, G.L.: 6513

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.64')  
DEPTH LANDED: 322.49' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (5902.08')  
DEPTH LANDED: 5915.33' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 30'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 177 jts (5549.43')  
TUBING ANCHOR: 5561.43'  
NO. OF JOINTS: 1 jts (31.49')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5595.72'  
NO. OF JOINTS: 2 jts (63.08')  
TOTAL STRING LENGTH: EOT @ 5660.35'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-8", 1-6", 2-4" x 3/4" ponies, 98- 3/4" scraped rods, 88- 3/4" plain rods, 30- 3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, 5 SPM:

FRAC JOB

10/23/06 5584-5597' **Frac CP4, sands as follows:**  
28213# 20/40 sand in 373 bbls Lightning 17 frac fluid. Treated @ avg press of 2340 psi w/avg rate of 25.1 BPM. ISIP 2160 psi. Calc flush: 5595 gal. Actual flush: 5082 gal.

10/23/06 5469-5481' **Frac CP2 sands as follows:**  
29334# 20/40 sand in 367 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25 BPM. ISIP 2285 psi. Calc flush: 5479 gal. Actual flush: 4956 gal.

10/23/06 5203-5210' **Frac LODC sands as follows:**  
20362# 20/40 sand in 307 bbls Lightning 17 frac fluid. Treated @ avg press of 2865 psi w/avg rate of 24.4 BPM. ISIP 2530 psi. Calc flush: 5208 gal. Actual flush: 4704 gal.

10/24/06 4653-4674' **Frac D3 sands as follows:**  
74428# 20/40 sand in 568 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2040 psi. Calc flush: 4672 gal. Actual flush: 4158 gal.

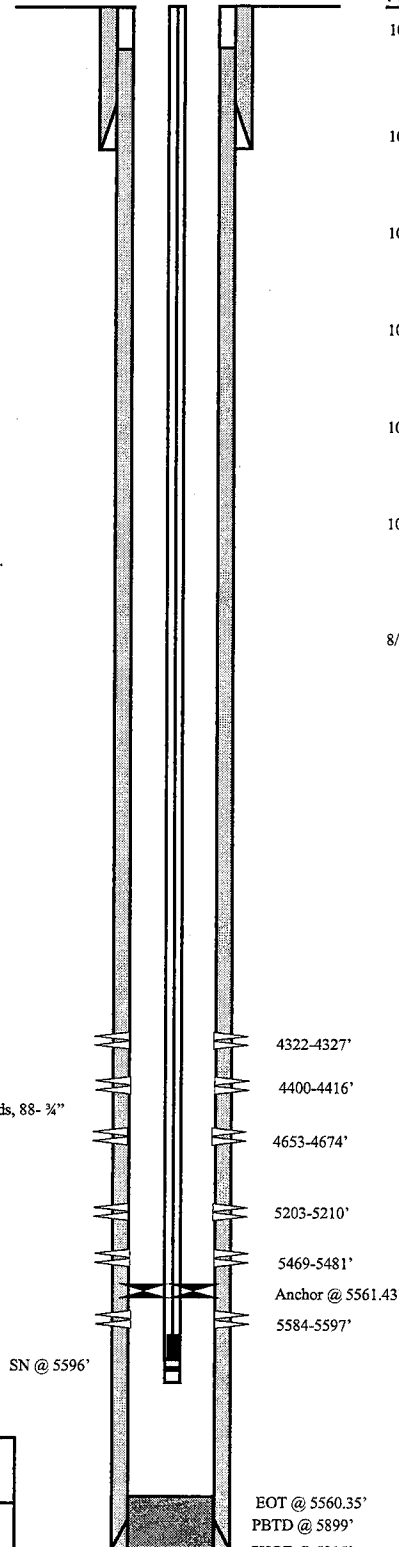
10/24/06 4400-4416' **Frac DS1 sands as follows:**  
24198# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2280 psi w/avg rate of 24.9 BPM. ISIP 1890 psi. Calc flush: 4414 gal. Actual flush: 3906 gal.

10/24/06 4322-4327' **Frac PB11 sands as follows:**  
13889# 20/40 sand in 242 bbls Lightning 17 frac fluid. Treated @ avg press of 2580 psi w/avg rate of 14.5 BPM. ISIP 2000 psi. Calc flush: 4325 gal. Actual flush: 4200 gal.

8/16/07 Pump change. Updated rod & tubing detail.

PERFORATION RECORD

Date	Interval	Tool	Holes
10/16/06	5584-5597'	4 JSPF	52 holes
10/23/06	5469-5481'	4 JSPF	48 holes
10/23/06	5203-5210'	4 JSPF	28 holes
10/23/06	4653-4674'	4 JSPF	84 holes
10/24/06	4400-4416'	4 JSPF	64 holes
10/24/06	4322-4327'	4 JSPF	20 holes



SN @ 5596'

EOT @ 5660.35'  
PBSD @ 5899'  
SHOE @ 5915'  
TD @ 5930'

**NEWFIELD****Ashley Federal 11-26-9-15**

1640' FSL & 2079' FWL

NE/SW Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32904; Lease #UTU-66185

## Ashley Federal 10-26-9-15

Spud Date: 9-19-06  
Put on Production: 11-02-06

GL: 6485' KB: 6497'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.21')  
DEPTH LANDED: 322.06' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts (5924.72')  
DEPTH LANDED: 5923.97' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 80'

TUBING

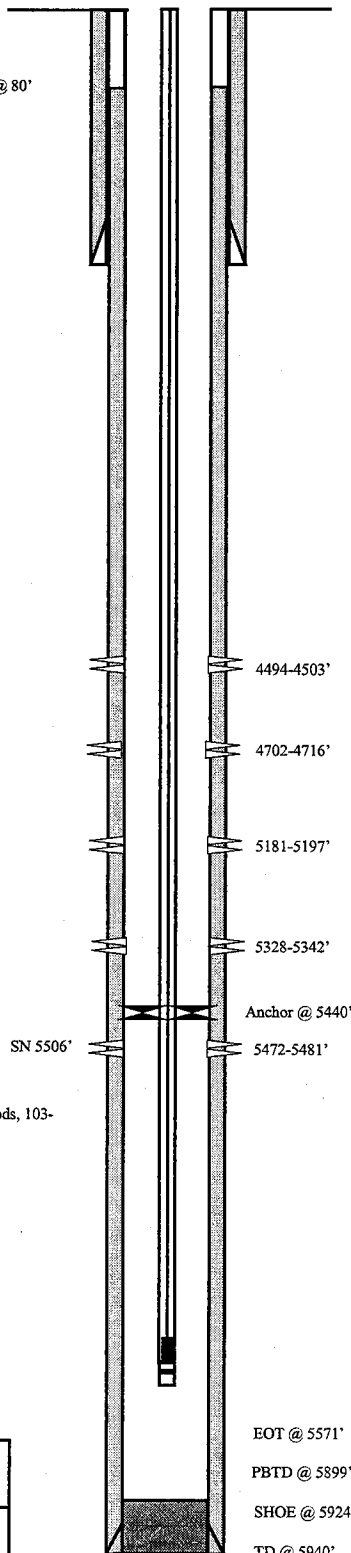
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5428.19')  
TUBING ANCHOR: 5440.19' KB  
NO. OF JOINTS: 2 jts (63.23')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5506.22' KB  
NO. OF JOINTS: 2 jts (63.18')  
TOTAL STRING LENGTH: EOT @ 5570.95' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6'-8" & 6' X 3/4" PONY RODS, 100- 3/4" scraped rods, 103- 3/4" slick rods, 10- 3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM

## Wellbore Diagram

Cement top @ 80'

FRAC JOB

10-26-06 5472-5481' **Frac CP1 sands as follows:**  
24622# 20/40 sand in 328 bbls Lightning 17 frac fluid. Treated @ avg press of 2270 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4998 gal. Actual flush: 5470 gal.

10-26-06 5328-5342' **Frac LODC sands as follows:**  
36161# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2195 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4830 gal. Actual flush: 5326 gal.

10-26-06 5181-5197' **Frac LODC sands as follows:**  
34702# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2458 psi w/avg rate of 27.5 BPM. ISIP 2650 psi. Calc flush: 4704 gal. Actual flush: 5179 gal.

10-26-06 4702-4716' **Frac B1 sands as follows:**  
90207# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 1850 w/ avg rate of 24.9 BPM. ISIP 1950 psi. Calc flush: 4200 gal. Actual flush: 4700 gal.

10-26-06 4494-4503' **Frac D1 sands as follows:**  
20438# 20/40 sand in 285 bbls Lightning 17 frac fluid. Treated @ avg press of 1780 w/ avg rate of 25 BPM. ISIP 1780 psi. Calc flush: 4368 gal. Actual flush: 4492 gal.

PERFORATION RECORD

10-23-06	5472-5481'	4 JSPF	36 holes
10-26-06	5328-5342'	4 JSPF	56 holes
10-26-06	5181-5197'	4 JSPF	64 holes
10-26-06	4702-4716'	4 JSPF	56 holes
10-26-06	4494-4503'	4 JSPF	36 holes

**NEWFIELD****Ashley Federal 10-26-9-15**

1080' FSL & 1974' FEL

NW/SE Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32903; Lease # UTU-66185

EOT @ 5571'

PBTD @ 5899'

SHOE @ 5924'

TD @ 5940'

## Ashley Federal 12-25-9-15

Spud Date: 09/28/06  
Put on Production: 01/03/07

K.B.: 6429, G.L.: 6417

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.60')  
DEPTH LANDED: 322.45' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5888.20')  
DEPTH LANDED: 5887.45' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

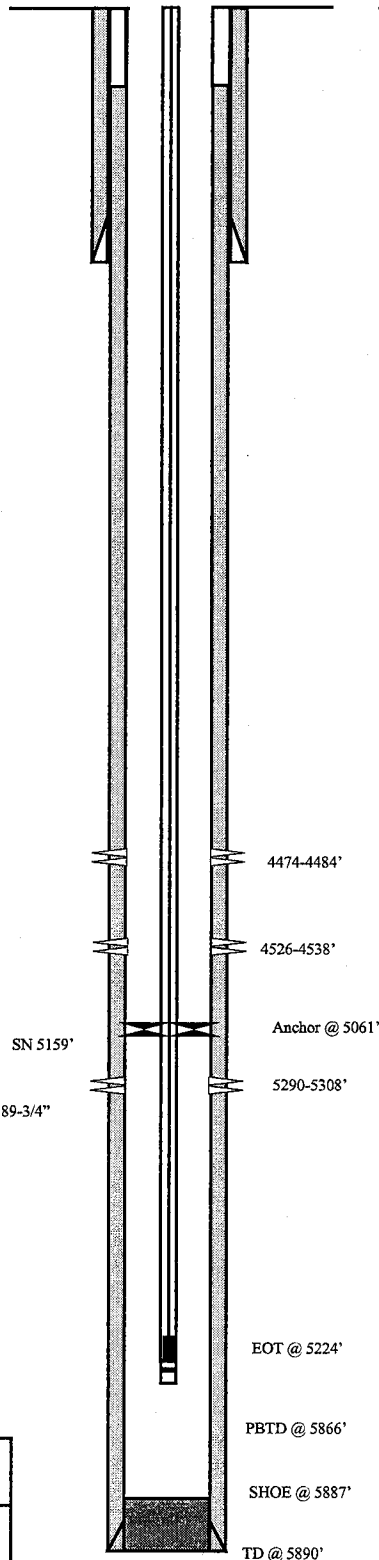
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 161 jts (5049.48')  
TUBING ANCHOR: 2.80' 5061.48'  
NO. OF JOINTS: 3 jts (94.77')  
SEATING NIPPLE: 1.10  
SN LANDED AT: (5159.05')  
NO. OF JOINTS: 2 jts (63.35')  
TOTAL STRING LENGTH: EOT @ 5223.95'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1- 2', 1-6' x 3/4" pony rod, 100-3/4" scraped rods, 89-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2' RHAC pump rod pump  
STROKE LENGTH: 86"  
PUMP SPEED: 5 SPM

## Wellbore Diagram



Initial Production: BOPD,  
MCFD, BWPD

FRAC JOB

12/21/06 5290-5308' **Frac LODC sands as follows:**  
97293# 20/40 sand in 739 bbls Lightning 17 frac fluid. Treated @ avg press of 2215 psi w/avg rate of 25 BPM. ISIP 2480 psi. Calc flush: 5306 gal. Actual flush: 5166 gal.

02/19/07 **Recompletion**

02/20/07 5124-5132' **Frac LODC sands as follows:**  
35230# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2771 psi w/avg rate of 21.0 BPM. ISIP 2640 psi. Calc flush: 5122 gal. Actual flush: 4536 gal.

02/21/07 4526-4484' **Frac D1 & D2 sands as follows:**  
45412# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1817 psi w/avg rate of 24.3 BPM. ISIP 1805 psi. Calc flush: 4524 gal. Actual flush: 4368 gal.

7/13/07 **Pump change. Updated Tubing & Rod detail.**

PERFORATION RECORD

12/15/06	5290-5308'	4 JSPF	72 holes
02/20/07	5124-5132'	4 JSPF	32 holes
02/20/07	4526-4538'	4 JSPF	48 holes
02/20/07	4474-4484'	4 JSPF	40 holes

**NEWFIELD****Ashley Federal 12-25-9-15**

1985' FSL & 676' FWL

NW/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32886; Lease #UTU-66185

## Ashley Federal 11-25-9-15

Spud Date: 10/25/2006

Put on Production:

GL: 6269' KB: 6281'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (311.00')

DEPTH LANDED: 322.85' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 129 jts. (5687.01')

DEPTH LANDED: 5700.26' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 475 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 171 jts (5373.82')

TUBING ANCHOR: 5385.82' KB

NO. OF JOINTS: 2 jts (63.21')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5451.83' KB

NO. OF JOINTS: 2 jts (60.46')

TOTAL STRING LENGTH: EOT @ 5513.84' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4'-6" &amp; -8" x 3/4" pony rod, 99-3/4" scraped rods, 101-3/4" slick rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.

PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12x15' RHAC

STROKE LENGTH: 84"

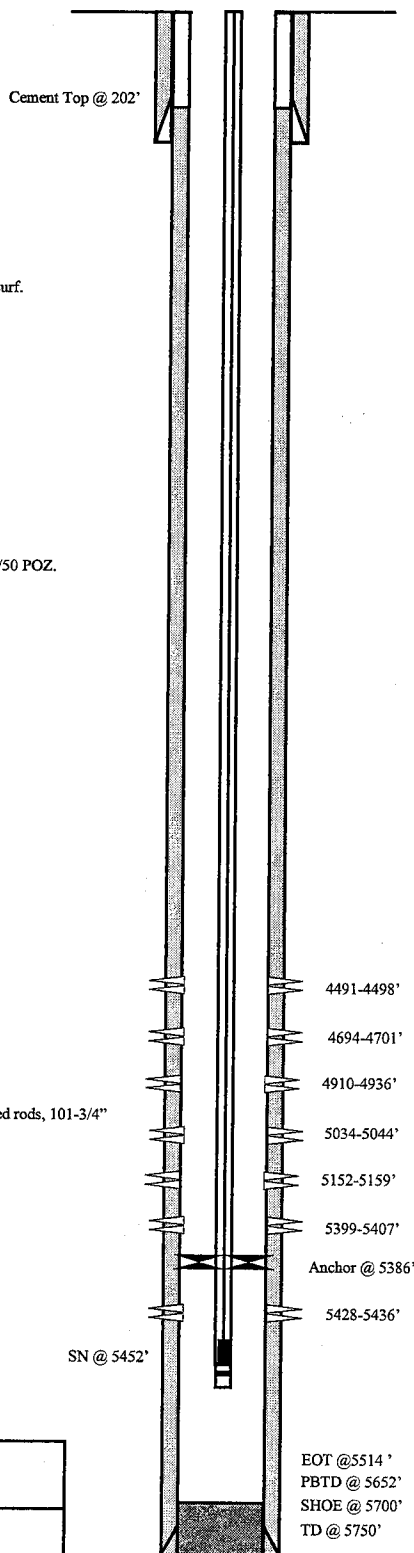
PUMP SPEED, 6 SPM:

FRAC JOB

11/27/06	5399-5436'	<b>Frac CP2 sands as follows:</b> 34,663# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5397 gal. Actual flush: 4872 gal.
11/27/06	5152-5159'	<b>Frac LODC sands as follows:</b> 24,486# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 5150 gal. Actual flush: 4662 gal.
11/27/06	5034-5044'	<b>Frac LODC sands as follows:</b> 24,788# 20/40 sand in 332 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5032 gal. Actual flush: 4536 gal.
11/27/06	4910-4936'	<b>Frac LODC sands as follows:</b> 40,879# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2585 psi w/avg rate of 27 BPM. ISIP 2500 psi. Calc flush: 4908 gal. Actual flush: 4410 gal.
11/27/06	4694-4701'	<b>Frac A5 sands as follows:</b> 19,469# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 4692 gal. Actual flush: 4200 gal.
11/27/06	4491-4498'	<b>Frac B.5 sands as follows:</b> 20,982# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 2525 psi w/avg rate of 24.9 BPM. ISIP psi. Calc flush: 4489 gal. Actual flush: 33 bbl short gal.

PERFORATION RECORD

11/27/06	5428-5436'	4 JSPF	32 holes
11/27/06	5399-5407'	4 JSPF	32 holes
11/27/06	5152-5159'	4 JSPF	28 holes
11/27/06	5034-5044'	4 JSPF	40 holes
11/27/06	4910-4936'	4 JSPF	104 holes
11/27/06	4694-4701'	4 JSPF	28 holes
11/27/06	4491-4498'	4 JSPF	28 holes



NEWFIELD

Ashley Federal 11-25-9-15

1916' FSL &amp; 2154' FWL

NE/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32910; Lease #UTU-66185

## Ashley Federal 15-26-9-15

Spud Date: 9-08-06  
Put on Production: 10-25-06  
GL: 6446' KB: 6458'

Initial Production: BOPD,  
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (311.1')  
DEPTH LANDED: 322.95' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts (5841.04')  
DEPTH LANDED: 5840.29' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 123'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 176 jts (5549.89')  
TUBING ANCHOR: 5561.89' KB  
NO. OF JOINTS: 1 jts (31.55')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5596.24' KB  
NO. OF JOINTS: 2 jts (62.91')  
TOTAL STRING LENGTH: EOT @ 5660.70' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 99- 3/4" scraped rods, 108- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5" RHAC w/SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5.5 SPM

FRAC JOB

10-18-06 5591-5610' **Frac CP5 sands as follows:**  
64152# 20/40 sand in 530 bbls Lightning 17 frac fluid. Treated @ avg press of 2360 psi w/avg rate of 24.8 BPM. ISIP 2820 psi. Calc flush: 5086 gal. Actual flush: 5589 gal.

10-18-06 5224-5243' **Frac LODC sands as follows:**  
79987# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 24.8 BPM. ISIP 2700 psi. Calc flush: 4704 gal. Actual flush: 5222 gal.

10-18-06 4616-4695' **Frac B1, & B2 sands as follows:**  
119451# 20/40 sand in 831 bbls Lightning 17 frac fluid. Treated @ avg press of 1615 psi w/avg rate of 25 BPM. ISIP 1910 psi. Calc flush: 4112 gal. Actual flush: 4614 gal.

10-19-06 4366-4407' **Frac DS1, & C sands as follows:**  
33573# 20/40 sand in 362 bbls Lightning 17 frac fluid. Treated @ avg press of 1600 w/avg rate of 15.1 BPM. ISIP 1590 psi. Calc flush: 4242 gal. Actual flush: 4364 gal.

PERFORATION RECORD

10-10-06	5591-5610'	4 JSPF	76 holes
10-18-06	5224-5243'	4 JSPF	76 holes
10-18-06	4678-4695'	4 JSPF	68 holes
10-18-06	4664-4668'	4 JSPF	16 holes
10-18-06	4616-4623'	4 JSPF	28 holes
10-18-06	4403-4407'	4 JSPF	16 holes
10-18-06	4366-4372'	4 JSPF	24 holes

Cement top @ 123'

4366-4372'

4403-4407'

4616-4623'

4664-4668'

4678-4695'

5224-5243'

Anchor @ 5562'

SN 5596'

5591-5610'

EOT @ 5661'

PBTD @ 5794'

SHOE @ 5840'

TD @ 5845'

**NEWFIELD****Ashley Federal 15-26-9-15**

613' FSL &amp; 1688' FEL

SW/SE Section 26-T9S-R15E

Duchesne Co, Utah

API # 43-013-32908; Lease # UTU-66185



## ASHLEY 16-26-9-15

Spud Date: 06/01/07  
Put on Production: 07/06/07  
GL: 6432' KB: 6444'

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (292.08')  
DEPTH LANDED: 303.93' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts. (5792.27')  
DEPTH LANDED: 5805.52' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 180 jts (5574.48')  
TUBING ANCHOR: 5589.28' KB  
NO. OF JOINTS: 1 jts (31.58')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5620.86' KB  
NO. OF JOINTS: 2 jts (58.30')  
TOTAL STRING LENGTH: EOT @ 5680.71' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 99-3/4" guided rods, 98-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' x 20' RHAC  
STROKE LENGTH: 102"  
PUMP SPEED, 5 1/2 SPM:

## FRAC JOB

06/28/07 5607-5614' **Frac CP5 sands as follows:**  
29909# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 2825 psi. Calc flush: 5605 gal. Actual flush: 5019 gal.

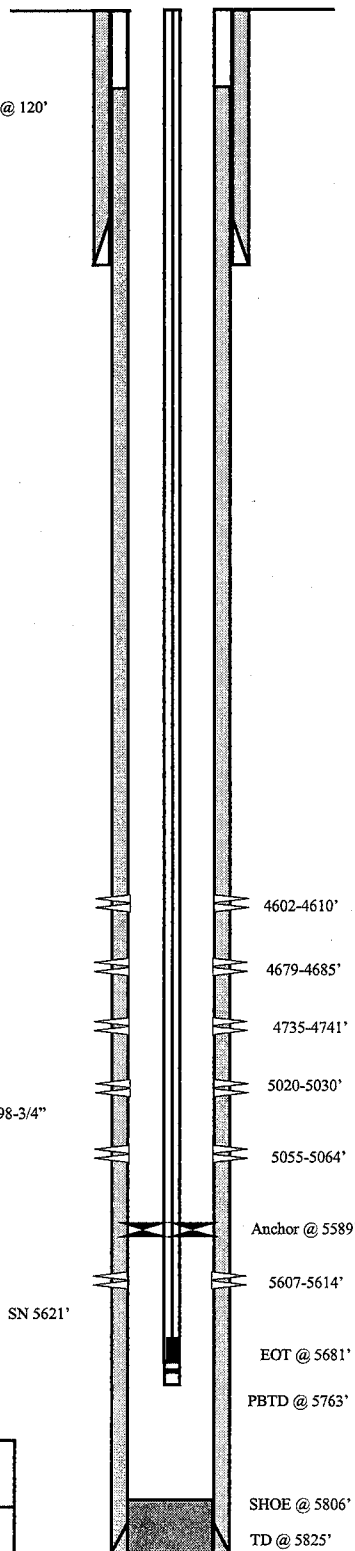
06/28/07 5020-5064' **Frac LODC sands as follows:**  
140353# 20/40 sand in 965 bbls Lightning 17 frac fluid. Treated @ avg press of 2307 psi w/avg rate of 24.6 BPM. ISIP 2534 psi. Calc flush: 5018 gal. Actual flush: 4431 gal.

06/28/07 4679-4741' **Frac A.S & B2 sands as follows:**  
28132# 20/40 sand in 361 bbls Lightning 17 frac fluid. Treated @ avg press of 2019 psi w/avg rate of 24.7 BPM. ISIP 1717 psi. Calc flush: 4677 gal. Actual flush: 4171 gal.

06/28/07 4602-4610' **Frac C sands as follows:**  
44711# 20/40 sand in 409 bbls Lightning 17 frac fluid. Treated @ avg press of 1960 psi w/avg rate of 24.7 BPM. ISIP 1989 psi. Calc flush: 4600 gal. Actual flush: 4515 gal

## PERFORATION RECORD

06/25/07 5607-5614' 4 JSPF 28 holes  
06/28/07 5055-5064' 4 JSPF 36 holes  
06/28/07 5020-5030' 4 JSPF 40 holes  
06/28/07 4735-4741' 4 JSPF 24 holes  
06/28/07 4679-4685' 4 JSPF 24 holes  
06/28/07 4602-4610' 4 JSPF 32 holes



NEWFIELD

ASHLEY 16-26-9-15

491'FSL &amp; 563' FEL

SE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32913; Lease # UTU-66185

## Ashley Federal 13-25-9-15

Spud Date: 10/27/2006  
 Put on Production:  
 GL: 6379' KB: 6391'

## Wellbore Diagram

Initial Production: BOPD,  
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (312.73')  
 DEPTH LANDED: 323.63' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 131 jts. (5769.86')  
 DEPTH LANDED: 5783.11' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP: 160'

Cement Top @ 160'

Waiting on approval to complete as an injector

PROPOSED PERFORATIONS

**NEWFIELD****Ashley Federal 13-25-9-15**

761' FSL &amp; 488' FWL

SW/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32911; Lease #UTU-66185

PBTD @ 5684'  
 SHOE @ 5783'  
 TD @ 5800'



Baker Petrolite

Attachment F

1 of 3

Analysis: 41488

## Water Analysis Report from Baker Petrolite

Summary of Mixing Waters		
Sample Number	389461	384280
Company	NEWFIELD EXPLORATION	NEWFIELD EXPLORATION
Lease Well	JOHNSON WATER PUMP STATION 2	ASHLEY FACILITY
Sample Location	PUMP DISCHARGE	9-26-9-15 WELLHEAD
Anions (mg/L)		
Chloride	17.0	8,860
Bicarbonate	319	2,727
Carbonate	0.00	296
Sulfate	89.0	510
Phosphate	0.00	0.00
Borate	0.00	0.00
Silicate	0.00	0.00
Cations (mg/L)		
Sodium	85.9	7,093
Magnesium	22.0	13.0
Calcium	40.0	67.0
Strontium	0.20	9.00
Barium	0.20	3.50
Iron	0.10	22.0
Potassium	0.20	42.0
Aluminum	0.00	0.00
Chromium	0.00	0.00
Copper	0.00	0.00
Lead	0.00	0.00
Manganese	0.03	0.20
Nickel	0.00	0.00
Anion/Cation Ratio	1.00	1.00
TDS (mg/L)	574	19,643
Density (g/cm)	1.00	1.01
Sampling Date	1/10/07	3/12/07
Account Manager	RANDY HUBER	RANDY HUBER
Analyst	LISA HAMILTON	JOSE NUNEZ
Analysis Date	1/17/07	3/20/07
pH at time of sampling		
pH at time of analysis	8.16	8.69
pH used in Calculations	8.16	8.69



Baker Petrolite

Attachment F  
2 of 3  
Analysis: 41488

## Water Analysis Report from Baker Petrolite

Mixes at 140°F and 0 psi

Predictions of Carbon Dioxide Pressure, Saturation Index and Amount of Scale in lb/1000bbl												
Mix Waters		CO <sub>2</sub>	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> •2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
389461	384280	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
100%	0%	0.09	1.01	16.3	-1.87		-1.70		-2.38		0.28	0.06
90%	10%	0.07	1.40	30.0	-1.97		-1.81		-1.75		0.61	0.24
80%	20%	0.09	1.48	36.1	-1.99		-1.82		-1.52		0.80	0.43
70%	30%	0.13	1.50	39.4	-1.99		-1.82		-1.37		0.93	0.62
60%	40%	0.17	1.52	42.1	-1.98		-1.81		-1.26		1.03	0.82
50%	50%	0.21	1.53	44.5	-1.97		-1.80		-1.17		1.11	1.01
40%	60%	0.26	1.54	46.8	-1.96		-1.79		-1.09		1.18	1.21
30%	70%	0.31	1.55	49.1	-1.95		-1.77		-1.03		1.24	1.40
20%	80%	0.36	1.56	51.4	-1.93		-1.76		-0.98		1.30	1.59
10%	90%	0.42	1.56	53.7	-1.92		-1.74		-0.93		1.34	1.78
0%	100%	0.48	1.57	55.9	-1.90		-1.73		-0.88		1.39	1.97

Note 1: The amount of scale indicates the severity of the problem. The saturation index (SI) indicates how difficult it is to control the problem.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

Attachment F

3 of 3

Rocky Mountain Region

1675 Broadway, Suite 1500

Denver, CO 80202

(303) 573-2772

Lab Team Leader - Sheila Hernandez

(432) 495-7240

**Water Analysis Report by Baker Petrolite**

Company:	NEWFIELD EXPLORATION	Sales RDT:	44206
Region:	ROCKY MOUNTAINS	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	389460
Lease/Platform:	ASHLEY FACILITY	Analysis ID #:	67486
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 389460 @ 78 °F					
Sampling Date:	1/10/07	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	1/17/07	Chloride:	797.0	22.48	Sodium:	845.1	36.76
Analyst:	LISA HAMILTON	Bicarbonate:	888.0	14.06	Magnesium:	21.0	1.73
TDS (mg/l or g/m3):	2790.1	Carbonate:	0.0	0.	Calcium:	45.0	2.25
Density (g/cm3, tonne/m3):	1.001	Sulfate:	214.0	4.46	Strontium:	1.0	0.02
Anion/Cation Ratio:	0.9999998	Phosphate:			Barium:	1.0	0.01
Carbon Dioxide:		Borate:			Iron:	2.0	0.07
Oxygen:		Silicate:			Potassium:	6.0	0.15
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		8.06	Copper:		
		pH used in Calculation:		8.06	Lead:		
					Manganese:	0.040	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.90	22.37	-1.77	0.00	-1.84	0.00	-1.68	0.00	1.41	0.70	0.1
100	0	0.97	25.17	-1.78	0.00	-1.78	0.00	-1.68	0.00	1.27	0.70	0.15
120	0	1.04	27.61	-1.77	0.00	-1.70	0.00	-1.65	0.00	1.16	0.70	0.22
140	0	1.12	30.06	-1.76	0.00	-1.60	0.00	-1.61	0.00	1.07	0.70	0.31

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

**Attachment "G"**

**Ashley Federal #9-26-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5429	5474	5452	2200	0.84	2165
5278	5294	5286	3060	1.01	3026
5146	5154	5150	2700	0.96	2667
4836	4875	4856	2270	0.90	2239
4603	4624	4614	1900	0.85	1870
				<b>Minimum</b>	<u>1870</u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

## NEWFIELD



Attachment G-1  
1 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15

Report Date: 10/27/2006

Day: 1

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 324.5'

Prod Csg: 5 1/2" @ 5927'

Csg PBTD: 5866' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 2	5429-5435'	4/24
			CP 3	5461-5474'	13/52

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/26/2006

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5866' & cement top @ 96'. Perforate stage #1, CP3 sds @ 5461-74' & CP2 sds @ 5429-35' w/ 4" Port guns (19 gram, .46" HE. 120°) w/ 4 spf for total of 76 shots. 135 bbls EWTR. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 135 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 135 Cum oil recovered: \_\_\_\_\_  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

Base Fluid used: Job Type: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Procedure or Equipment detail: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## COSTS

Weatherford BOP	\$1,150
NPC NU crew	\$300
NDSI trucking	\$800
Perforators LLC	\$6,794
Drilling cost	\$271,524
Zubiate Hot Oil	\$350
Location preparation	\$300
NPC wellhead	\$1,500
Benco - anchors	\$1,200
Admin. Overhead	\$3,000
NPC Supervisor	\$300

Max TP: Max Rate: Total fluid pmpd: \_\_\_\_\_  
 Avg TP: Avg Rate: Total Prop pmpd: \_\_\_\_\_  
 ISIP: 5 min: 10 min: 15 min: \_\_\_\_\_

Completion Supervisor: Don Dulen

DAILY COST: \$287,218  
 TOTAL WELL COST: \$287,218



## NEWFIELD



Attachment G-1  
2 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15 Report Date: 11/2/2006 Day: 2a  
Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 324.5' Prod Csg: 5 1/2" @ 5927' Csg PBTD: 5866' WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP 2	5429-5435'	4/24
			CP 3	5461-5474'	13/52

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/1/2006 SITP:  SICP: 0 psi

Day 2a.

RU BJ Services. 0 psi on well. Frac CP2 & CP3 sds w/ 29,378#'s of 20/40 sand in 365 bbls of Lightning 17 fluid. Broke @ 2284 psi. Treated w/ ave pressure of 2035 psi @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2200 psi. Leave pressure on well. 500 BWTR. See Day 2b.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 135 Starting oil rec to date:   
Fluid lost/recovered today: 365 Oil lost/recovered today:   
Ending fluid to be recovered: 500 Cum oil recovered:   
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: CP2 & 3 sands

546 gals to breakdown & get crosslink.

3000 gals of pad

2319 gals W/ 1-4 ppg of 20/40 sand

4035 gals W/ 4-6.5 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4922 gals of slick water

BJ Services-CP2&3	\$21,968
NPC frac wtr	\$519
NPC fuel gas	\$90
Weatherford tools/serv	\$950
NPC trucking	\$300
NPC Supervisor	\$100

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

Max TP: 2300 Max Rate: 25.2 BPM Total fluid pmpd: 365 bbls

Avg TP: 2035 Avg Rate: 24.9 BPM Total Prop pmpd: 29,378#'s

ISIP: 2200 5 min:  10 min:  FG: .84

Completion Supervisor: Orson Barney

DAILY COST: \$23,927

TOTAL WELL COST: \$311,145

# NEWFIELD



Attachment G-1  
3 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15 Report Date: 11/2/2006 Day: 2b  
Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8' @ 324.5' Prod Csg: 5 1/2" @ 5927' Csg PBTD: 5866' WL  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5390'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	5278-5294'	4/64
			CP 2	5429-5435'	4/24
			CP 3	5461-5474'	13/52

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/1/2006 SITP: SICP: 1780 psi

Day 2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 16' perf gun. Set plug @ 5390'. Perforate LODC sds @ 5278- 94' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 64 shots. RU BJ Services. 1780 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid. RU BJ Services. 1555 psi on well. Frac LODC sds w/ 50,541#s of 20/40 sand in 427 bbls of Lightning 17 fluid. Broke @ 3866 psi. Treated w/ ave pressure of 2425 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 3060 psi. Leave pressure on well. 927 BWTR. See Day 2c.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 500 Starting oil rec to date:   
Fluid lost/recovered today: 427 Oil lost/recovered today:   
Ending fluid to be recovered: 927 Cum oil recovered:   
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: LODC sands

3800 gals of pad

2625 gals W/ 1-5 ppg of 20/40 sand

5250 gals W/ 5-8 ppg of 20/40 sand

980 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4771 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 2650 Max Rate: 25.1 BPM Total fluid pmpd: 427 bbls

Avg TP: 2425 Avg Rate: 24.7 BPM Total Prop pmpd: 50,541#s

ISIP: 3060 5 min:  10 min:  FG: 1.01

Completion Supervisor: Orson Barney

### COSTS

BJ Services-LODC	\$12,350
NPC frac wtr	\$821
NPC fuel gas	\$143
Weatherford tools/serv	\$2,450
Lone Wolf WL	\$5,604
NPC Supervisor	\$100

DAILY COST: \$21,468

TOTAL WELL COST: \$332,613

# NEWFIELD



Attachment G-1  
4 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15 Report Date: 11/2/2006 Day: 2c  
Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8' @ 324.5' Prod Csg: 5 1/2" @ 5927' Csg PBTD: 5866' WL  
Tbg: Size:            Wt:            Grd:            Pkr/EOT @:            BP/Sand PBTD: 4980'  
BP: 5200', 5390'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	5278-5294'	4/64
A1 sds	4836-4842'	4/24	CP 2	5429-5435'	4/24
A1 sds	4853-4859'	4/24	CP 3	5461-5474'	13/52
A1 sds	4870-4875'	4/20			
LODC	5146-5154'	4/32			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/1/2006 SITP:            SICP: 1790 psi

Day 2c. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Set plug @ 5200'. Perforate LODC sds @ 5146- 54' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 32 shots. RU BJ Services. 1790 psi on well. Pressured up to 4200 psi, Would not breakdown. RU WL & dump bail acid (Tagged sand @ 5107). RU BJ Services. Pressured up to 4200 psi, Would not breakdown. Flowback well for 2 hrs, Rec 120 BTF. RU BJ Services. Frac LODC sds w/ 19,886#'s of 20/40 sand in 380 bbls of Lightning 17 fluid, Pumped extra 100 bbls of fluid in pad. Broke @ 3600 psi. Treated w/ ave pressure of 3342 psi @ ave rate of 20.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2700 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Set plug @ 4980'. Perforate A1 sds @ 4870- 75', 4853- 59', 4836- 42' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 68 shots. SIWFN w/ 1307 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 927 Starting oil rec to date:             
Fluid lost/recovered today: 380 Oil lost/recovered today:             
Ending fluid to be recovered: 1307 Cum oil recovered:             
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: LODC sands

6200 gals of pad  
1511 gals W/ 1-4 ppg of 20/40 sand  
3087 gals W/ 4-6.5 ppg of 20/40 sand  
Flush W/ 504 gals of 15% HCL acid  
Flush W/ 4637 gals of slick water

\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\*

Max TP: 3583 Max Rate: 20.4 BPM Total fluid pmpd: 380 bbls  
Avg TP: 3342 Avg Rate: 20.2 BPM Total Prop pmpd: 19,886#'s  
ISIP: 2700 5 min:            10 min:            FG: .96

Completion Supervisor: Orson Barney

### COSTS

BJ Services-LODC \$6,338  
NPC frac wtr \$346  
NPC fuel gas \$60  
Weatherford tools/serv \$5,000  
Lone Wolf WL-LODC \$2,802  
NPC Supervisor \$100  
Lone Wolf WL- A1 \$5,955

DAILY COST: \$20,601

TOTAL WELL COST: \$353,214

# NEWFIELD



Attachment G-1  
5 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15 Report Date: 3-Nov-06 Day: 3a  
Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8' @ 324.5' Prod Csg: 5 1/2" @ 5927' Csg PBTD: 5866' WL  
Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: 4980'  
BP: 5200', 5390'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC	5278-5294'	4/64
A1 sds	4836-4842'	4/24	CP 2	5429-5435'	4/24
A1 sds	4853-4859'	4/24	CP 3	5461-5474'	13/52
A1 sds	4870-4875'	4/20			
LODC	5146-5154'	4/32			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-Nov-06 SITP: \_\_\_\_\_ SICP: 1260 psi

Day 3a.

RU BJ Services. 1260 psi on well. Shut due to blender problems. 11:48 AM got blender fixed. Open up well. 772 psi on well. Frac A1 sds w/ 60,108#'s of 20/40 sand in 474 bbls of Lightning 17 fluid. Broke @ 3667 psi. Treated w/ ave pressure of 2160 psi @ ave rate of 25.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2270 psi. Leave pressure on well. 1661 BWTR. See Day 3b.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1187 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 474 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 1661 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services  
Procedure or Equipment detail: A1 sands

### COSTS

BJ Services-A1	\$14,535
NPC frac wtr	\$1,094
NPC fuel gas	\$173
Weatherford tools/serv	\$950
NPC Supervisor	\$150

4600 gals of pad

3000 gals W/ 1-5 ppg of 20/40 sand

6000 gals W/ 5-8 ppg of 20/40 sand

1487 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4330 gals of slick water

**\*\*Flush called @ blender--includes 2 bbls pump/line volume\*\***

Max TP: 2420 Max Rate: 25.7 BPM Total fluid pmpd: 474 bbls

Avg TP: 2160 Avg Rate: 25.3 BPM Total Prop pmpd: 60,108#'s

ISIP: 2270 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: .90

Completion Supervisor: Orson Barney

DAILY COST: \$16,902

TOTAL WELL COST: \$370,116

# NEWFIELD



Attachment G-1  
6 of 6

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 9-26-9-15 Report Date: 3-Nov-06 Day: 3b  
Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8 5/8' @ 324.5' Prod Csg: 5 1/2" @ 5927' Csg PBTD: 5866' WL  
Tbg: Size:            Wt:            Grd:            Pkr/EOT @:            BP/Sand PBTD: 4720'  
BP: 4980', 5200', 5390'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B.5 sds	4603-4624'	4/84	LODC	5278-5294'	4/64
A1 sds	4836-4842'	4/24	CP 2	5429-5435'	4/24
A1 sds	4853-4859'	4/24	CP 3	5461-5474'	13/52
A1 sds	4870-4875'	4/20			
LODC	5146-5154'	4/32			

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-Nov-06 SITP:            SICP: 1940 psi

Day 3b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug, 10' & 11' perf gun. Set plug @ 4720'. Perforate B.5 sds @ 4603- 24' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 84 shots (2 runs). RU BJ Services. 1940 psi on well. Frac B.5 sds w/ 103,709#'s of 20/40 sand in 774 bbls of Lightning 17 fluid. Broke @ 4139 psi. Treated w/ ave pressure of 1940 psi @ ave rate of 25.4 BPM. ISIP 1900 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 hrs & died. Rec. est 375 BTF. SIWFN w/ 2060 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1661 Starting oil rec to date:             
Fluid lost/recovered today: 399 Oil lost/recovered today:             
Ending fluid to be recovered: 2060 Cum oil recovered:             
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: B.5 sands

2562 gals to breakdown & get crosslink.

7500 gals of pad

5000 gals W/ 1-5 ppg of 20/40 sand

10000 gals W/ 5-8 ppg of 20/40 sand

2956 gals W/ 8 ppg of 20/40 sand

Flush W/ 4494 gals of slick water

Max TP: 2340 Max Rate: 25.8 BPM Total fluid pmpd: 774 bbls

Avg TP: 1940 Avg Rate: 25.4 BPM Total Prop pmpd: 103,709#'s

ISIP: 1900 5 min:            10 min:            FG: .85

Completion Supervisor: Orson Barney

### COSTS

BJ Services-B.5	\$52,058
NPC frac wtr	\$1,842
NPC fuel gas	\$285
Weatherford tools/serv	\$3,450
NPC Supervisor	\$150
Lone Wolf WL	\$7,437
NDSI trucking	\$1,500
Unichem chemicals	\$400
R/T labor/welding	\$19,500
Monks pit reclaim	\$1,800
CD truck wtr transfer	\$200
NPC sfc equipment	\$130,000
NDSI wtr disposal	\$3,000
DAILY COST:	\$221,622
TOTAL WELL COST:	\$591,738

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4553'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 43 sx Class "G" cement down 5-1/2" casing to 373'.

The approximate cost to plug and abandon this well is \$35,401.

## Ashley Federal 9-26-9-15

Spud Date: 9/26/06  
 Put on Production: 11/15/06  
 K.B.: 6483, G.L.: 6471

Proposed P & A  
Wellbore Diagram

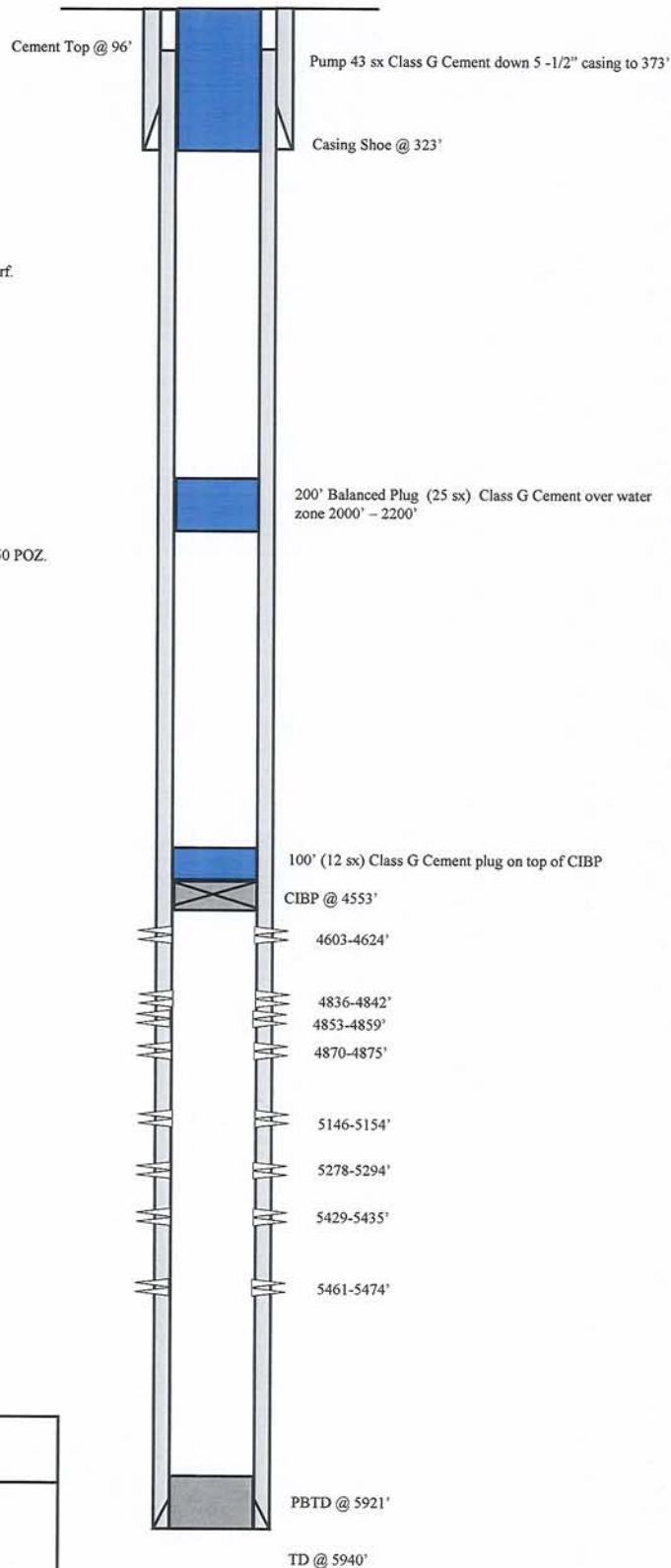
Initial Production: BOPD,  
 MCFD, BWPB

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (310.84')  
 DEPTH LANDED: 322.69' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts. (5913.65')  
 DEPTH LANDED: 5926.90' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP: 96'



NEWFIELD

Ashley Federal 9-26-9-15

2042' FSL &amp; 618' FEL

NE/SE Section 26-T9S-R15E

Duchesne Co, Utah

API #43-013-32902; Lease #UTU-66185



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2042 FSL 618 FEL

NESE Section 26 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA AB

8. Well Name and No.

ASHLEY FEDERAL 9-26-9-15

9. API Well No.

4301332902

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

David Gerbig

Signature

Title

Operations Engineer

Date

1-16-08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

5. Lease Serial No.  
USA UTU-66185  
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA AB

8. Well Name and No.  
ASHLEY FEDERAL 9-26-9-15

9. API Well No.  
4301332902

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2042 FSL 618 FEL  
NESE Section 26 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

David Gerbig

Signature

Title

Operations Engineer

Date

1-16-08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by .....

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

4770 S. 5600'W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAOne  
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S  
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	1001402352	02/11/2008

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE NUMBER	
8015385340		0000231941 /	
SCHEDULE			
Start 02/08/2008		End 02/08/2008	
CUST, REF. NO.			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINI			
SIZE			
74 Lines		2.00 COLUMN	
TIMES		RATE	
2			
MISC. CHARGES		AD CHARGES	
		TOTAL COST	
		190.00	

COPY

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF  
BEFORE THE DIVISION OF OIL, GAS AND MINI FOR DIV OF OIL-GAS & MINING,  
WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET  
NEWS, DAILY NEWSPAPERS PRINTE IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND  
PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON Start 02/08/2008

End 02/08/2008

SIGNATURE

*Sunny Brest*

*[Signature]*

DATE 02/11/2008

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC 342

IN THE MATTER OF THE APPLICATION OF NEWFIELD EXPLORATION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE ASHLEY FEDERAL 13-24-9-15, ASHLEY FEDERAL 15-24-9-15, ASHLEY FEDERAL 3-25-9-15, ASHLEY FEDERAL 5-25-9-15, ASHLEY FEDERAL 7-25-9-15, ASHLEY FEDERAL 9-25-9-15, ASHLEY FEDERAL 11-25-9-15, ASHLEY FEDERAL 15-25-9-15, ASHLEY FEDERAL 5-26-9-15, ASHLEY FEDERAL 9-26-9-15, ASHLEY FEDERAL 11-26-9-15 WELLS LOCATED IN SECTIONS 24, 25, 26 TOWNSHIP 9 SOUTH, RANGE 15 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Exploration Company for administrative approval of the Ashley Federal 13-24-9-15 well, located in SW/4 SW/4 Section 24, Ashley Federal 15-24-9-15 well, located in SW/4 SE/4 Section 24, Ashley Federal 3-25-9-15 well, located in NE/4 NW/4 Section 25, Ashley Federal 5-25-9-15, located in SW/4 NW/4 Section 25, Ashley Federal 7-25-9-15, located in SW/4 NE/4 Section 25, Ashley Federal 9-25-9-15, located in NE/4 SE/4 Section 25, Ashley Federal 11-25-9-15, located in NE/4 SW/4 Section 25, Ashley Federal 15-25-9-15, located in SW/4 SE/4 Section 25, Ashley Federal 5-26-9-15, located in SW/4 NW/4 Section 26, Ashley Federal 9-26-9-15, located in NE/4 SE/4 Section 26, Ashley Federal 11-26-9-15 wells, located in NE/4 SW/4 Section 26, Township 9 South, Range 15 East, Duchesne County, Utah, for conversion to a Class II injection well. This well is located in the Ashley Unit. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 4th day of February, 2008

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Gil Hunt  
Associate Director

231941

UPAXLP



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

March 4, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Ashley Unit Well: Ashley Federal 9-26-9-15, Section 26, Township 9 South, Range 15 East, Duchesne County, Utah

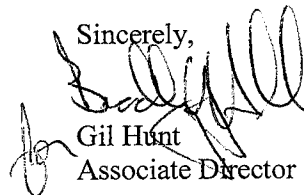
Mr. Dave Gerbig,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

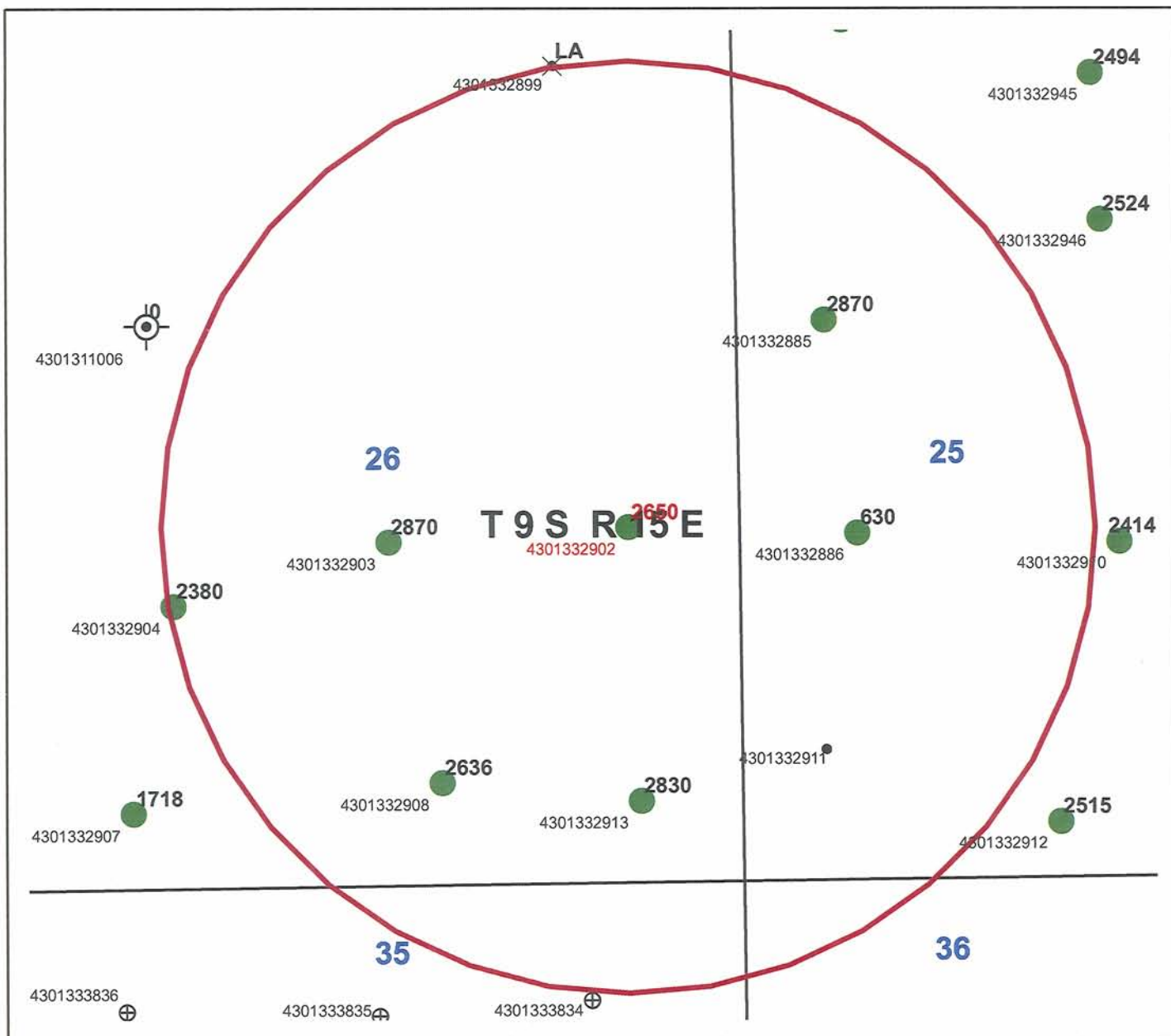
1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

  
Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton  
Duchesne County  
SITLA  
Well File



## Ashley Federal 9-26-9-15

### Legend

wells point	●	POW
WELLTYPE	☀	SGW
GIW	↗	SOW
GSW	☀	TA
LA	×	TW
LOC	•	WDW
PA	⊕	WIW
PGW	☀	WSW



0 0.4 Miles

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 9-26-9-15

**Location:** 26/9S/15E      **API:** 43-013-32902

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government State of Utah are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Ashley Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,927 feet. A cement bond log demonstrates adequate bond in this well up to 2,650 feet. A 2 7/8 inch tubing with a packer will be set at 4,568 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 2,870 feet. Injection shall be the interval between 3,786 feet and 5,953 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 9-26-9-15 well is .85 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,870 psig. The requested maximum pressure is 1,870 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit August 25, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 01/31/2008



November 8, 2010


Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Injection Conversion  
Ashley Federal 9-26-9-15  
API # 43-013-32902

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,

  
Lucy Chavez-Naupoto  
Administrative Assistant

RECEIVED

NOV 16 2010

DEPT. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-66185

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 9-26-9-15

9. API NUMBER:  
4301332902

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2042 FSL 618 FEL

COUNTY: DUCHESNE

5. OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE, 26, T9S, R15E

STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/04/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/29/2010.

On 11/03/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/03/2010. On 11/04/2010 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test -Dennis Ingram.

API# 43-013-32902

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 11/08/2010

(This space for State use only)

RECEIVED

NOV 16 2010

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ASHLEY FEDERAL 9-26-9-15

9. API Well No.

4301332902

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2042 FSL 618 FEL

NESE Section 26 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 10/29/2010.

On 11/03/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 11/03/2010. On 11/04/2010 the casing was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 650 psig during the test. There was a State representative available to witness the test -Dennis Ingram.

API# 43-013-32902

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naunoto

Signature

Title

Administrative Assistant

Date

11/08/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

NOV 16 2010

BUREAU OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**ASHLEY 9-26-9-15****8/1/2010 To 12/30/2010****10/27/2010 Day: 1****Conversion**

WWS #7 on 10/27/2010 - LD rod string & pump. TOH W/ 81 jts production tbg. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 12 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH W 30 add'l BW. ND wellhead & release TA @ 5397'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Re-flushed tbg W/ 30 BW while TOH. Out W/ 81 jts. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** (\$11,986)**10/28/2010 Day: 2****Conversion**

WWS #7 on 10/28/2010 - Finish TOH W/ production tbg. TIH W/ packer & test injection string. Fighting slow leak. Have good test W/ 18 jts in hole. - RU HO trk & flush tbg W/ 30 BW @ 250°F. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 33 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrow-set 1X packer (W/ W.L. re-entry guide & wicker slips), new 2 7/8 SN & 147 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbl pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Experiencing slow bleed off. TOH W/ tbg & test periodically. Finally found collar leak. Replaced joint of tbg & collar. Start testing tbg back in hole. W/ 18 jts in hole testing solid. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** (\$5,261)**10/29/2010 Day: 3****Conversion**

WWS #7 on 10/29/2010 - Tested injection string. Set & test packer. RDMOSU. - Perform MIT. Run Vaughn Energy Services gyro survey. - Con't testing in hole W/ injection string. Final test held 3000 psi for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4572', CE @ 4546' & EOT @ 4550'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU.

**Daily Cost:** \$0**Cumulative Cost:** (\$952)**11/5/2010 Day: 4****Conversion**

Rigless on 11/5/2010 - Performed a conversion mit - On 11/3/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Ashley 9-26-9-15). Permission was given at that time to perform the test on 11/3/2010. On 11/4/2010 the csg was pressured up to 1520 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 650 psig during the test. There was a State representative available to witness the test. (Dennis

Ingram) API # 43-013-32902 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$30,868

---

**Pertinent Files: Go to File List**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Dennis Ingram Date 11/04/10 Time 9:00 am pm

Test Conducted by: Dale Giles

Others Present: \_\_\_\_\_

Well: Ashley Federal 9-26-9-15

Field: Monument Butte  
Duchesne County ut.

Well Location:  
NE/SE Sec. 26 T9S R15E

API No:  
43-013-32902

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1520</u>	psig
5	<u>1520</u>	psig
10	<u>1520</u>	psig
15	<u>1520</u>	psig
20	<u>1520</u>	psig
25	<u>1520</u>	psig
30 min	<u>1520</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 650 psig

Result:

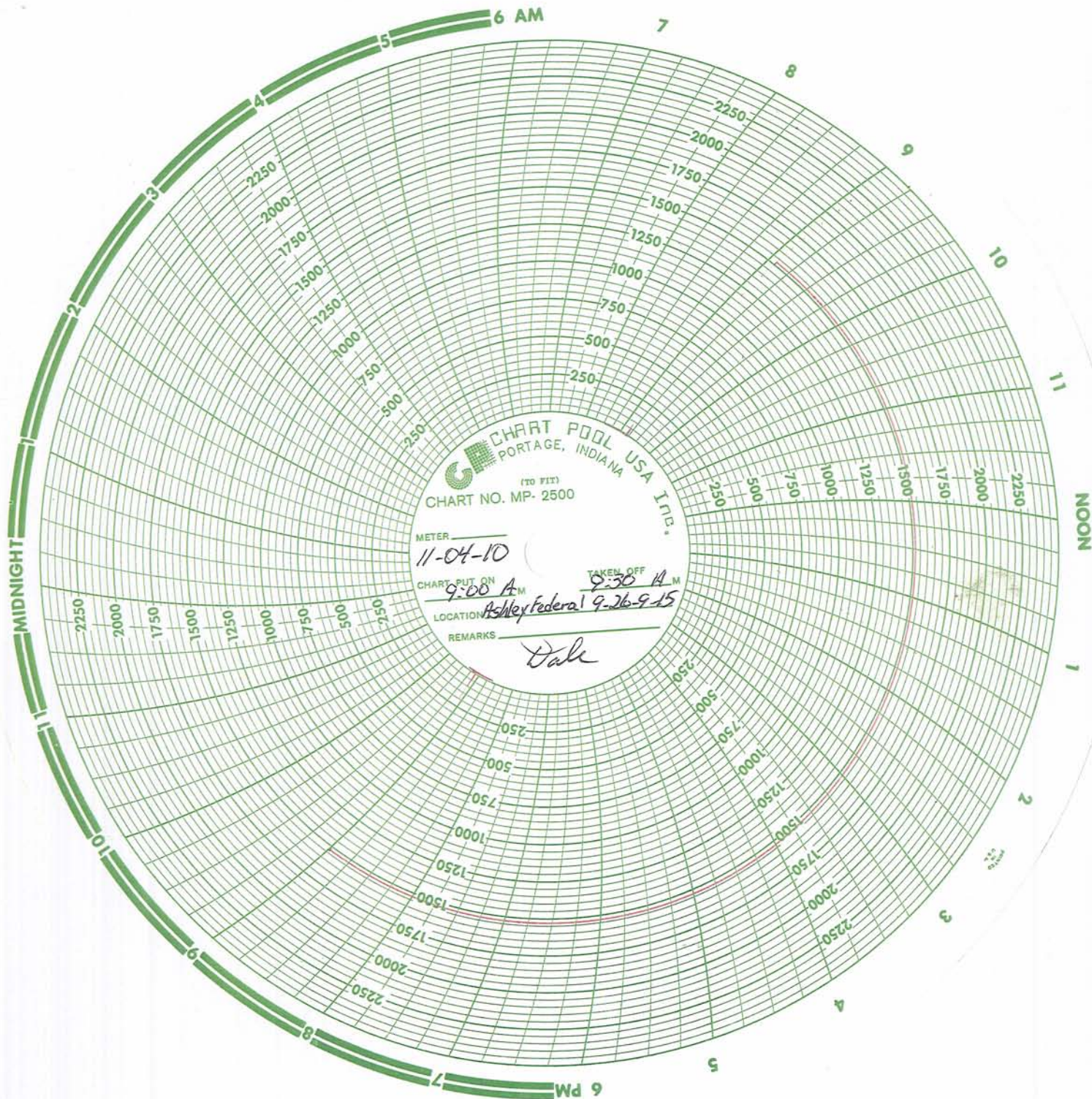
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Dale Giles







**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-66185

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL 9-26-9-15

9. API NUMBER:  
4301332902

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

1. TYPE OF WELL:  
OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:  
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2042 FSL 618 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 26, T9S, R1SE

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 12/17/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:00 AM on 12-17-2010.

**RECEIVED**  
**DEC 21 2010**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 12/17/2010

(This space for State use only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2042 FSL 618 FEL

NESE Section 26 T9S R15E

5. Lease Serial No.

USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

ASHLEY FEDERAL 9-26-9-15

9. API Well No.

4301332902

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 11:00 AM on 12-17-2010.

RECEIVED  
DEC 21 2010  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature



Title

Administrative Assistant

Date

12/17/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-342

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 9-26-9-15  
**Location:** Section 26, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32902  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 4, 2008.
2. Maximum Allowable Injection Pressure: 1,870 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,786' – 5,953')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

11/22/2010  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
SITLA  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 9-26-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2042 FSL 0618 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 26 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329020000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: 5 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 09/28/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 10/01/2015 the casing was pressured up to 1192 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1732 psig during the test. There was a State representative available to witness the test - Mark Jones.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> October 06, 2015		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/5/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Mark Jones Date 10/01/15 Time 1836 am/pmTest Conducted by: Michael JensenOthers Present: Jeremy PriceWell: Ashley Federal 9-26-9-15Field: Monument ButteWell Location: NE/SE Sec. 26, T9S, R15E API No: 43-013-32902

	<u>Time</u>	<u>Casing Pressure</u>	
AIR	0 min	<u>1202.2</u>	psig
	5	<u>1200.4</u>	psig
	10	<u>1198.8</u>	psig
	15	<u>1197.8</u>	psig
	20	<u>1196.8</u>	psig
	25	<u>1196.0</u>	psig
	30 min	<u>1195.2</u>	psig
	35	<u>1194.8</u>	psig
	40	<u>1195.2</u>	psig
	45	<u>1193.8</u>	psig
PASS	50	<u>1193.6</u>	psig
	55	<u>1193.2</u>	psig
	60 min	<u>1192.8</u>	psig

Tubing pressure: 1732 psigResult: Pass Fail

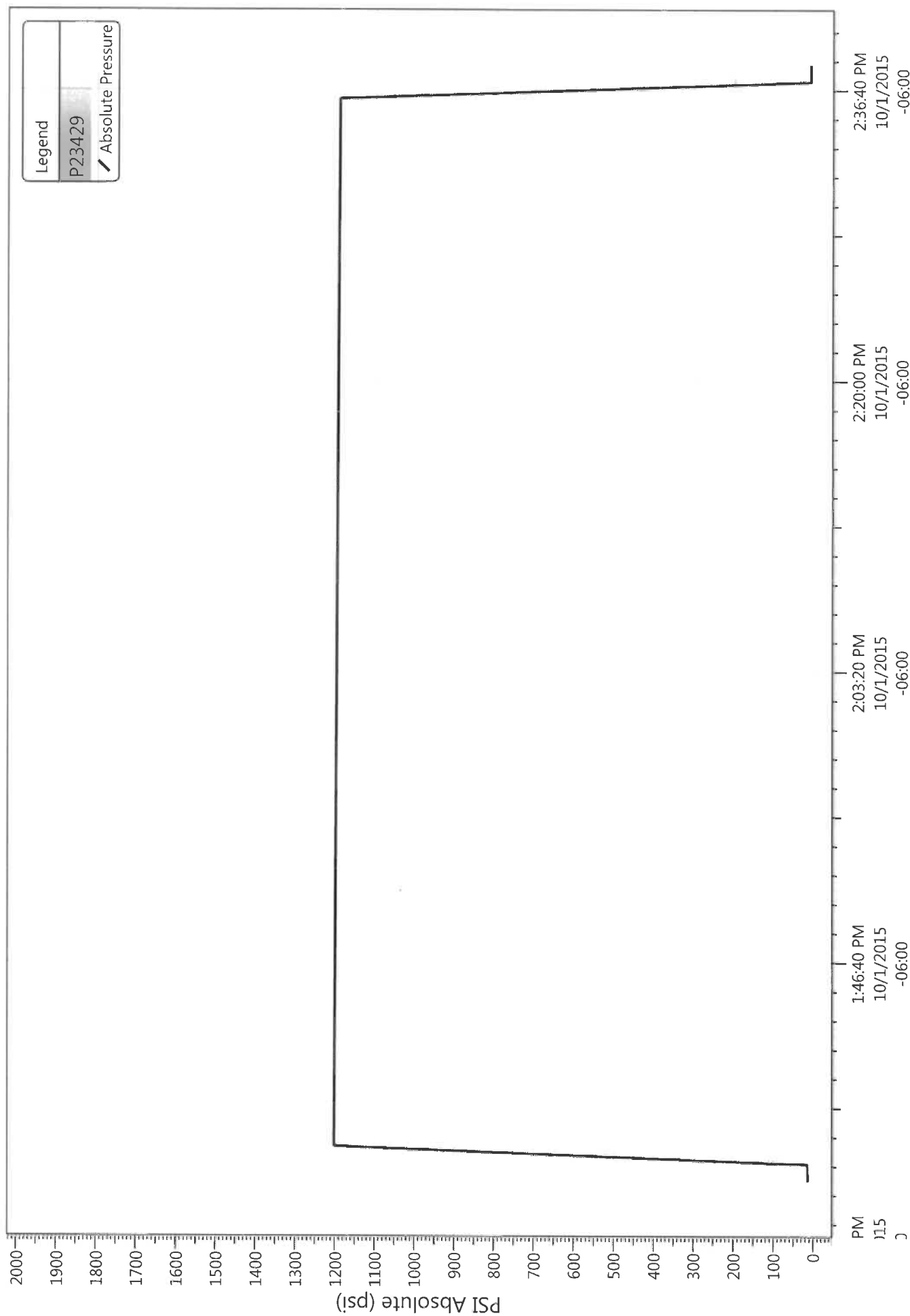
Signature of Witness:

Mark J Jones

Signature of Person Conducting Test:

Michael Jensen

Ashley Federal 9-26-9-15 5 Year MIT (10-01-15)  
10/1/2015 1:33:56 PM



## NEWFIELD

## Schematic

Well Name: Ashley 9-26-9-15

43-013-32902

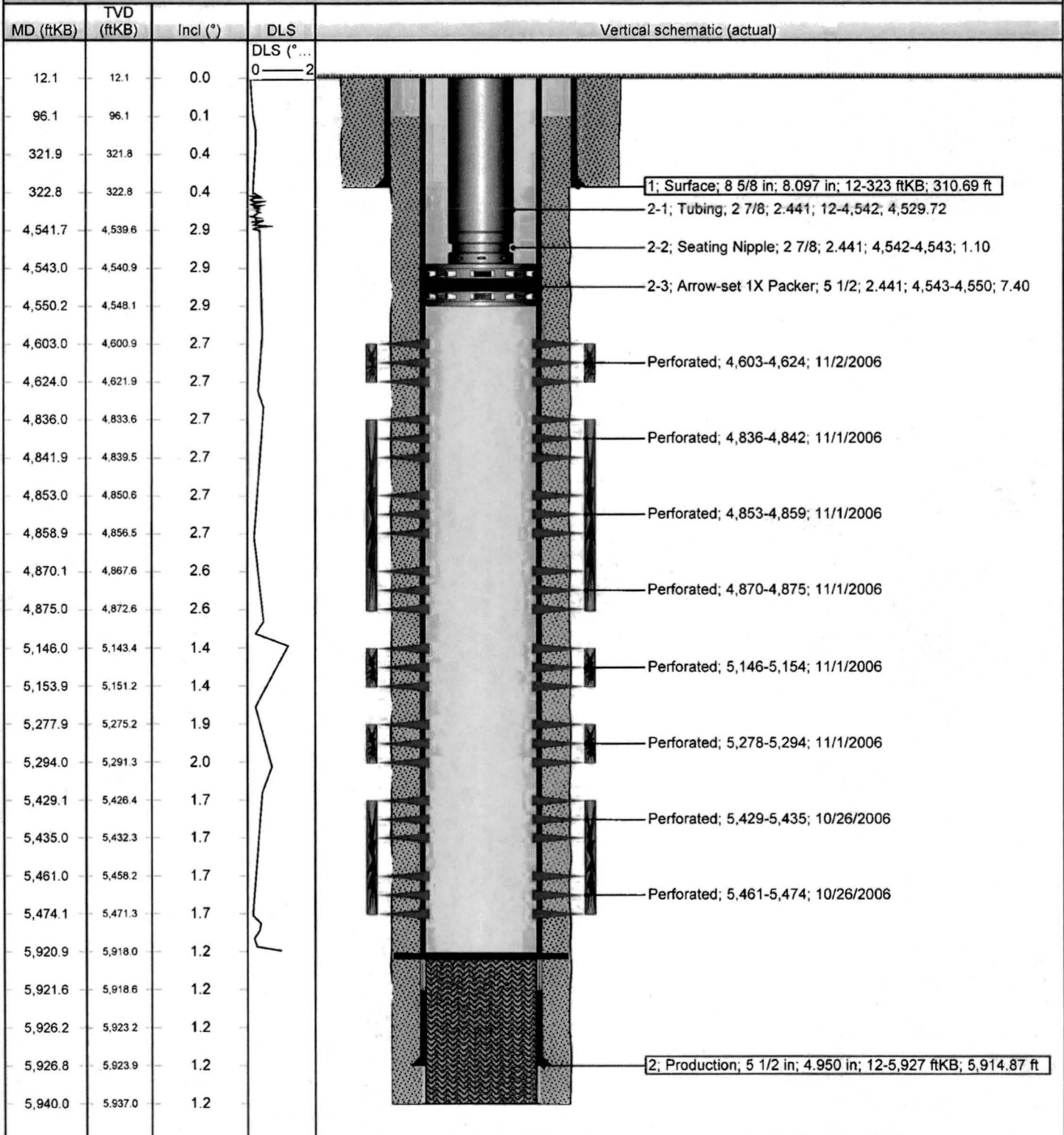
Surface Legal Location 26-9S-15E	API/UWI 43013329020000	Well RC 500159443	Lease	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 9/26/2006	Rig Release Date 10/14/2006	On Production Date 11/15/2006	Original KB Elevation (ft) 6,483	Ground Elevation (ft) 6,471	Total Depth All (TVD) (ftKB) 5,940.0	PBTD (All) (ftKB) Original Hole - 5,921.0

## Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 10/1/2015	Job End Date 10/1/2015
-------------------------	------------------	---------------------------	-----------------------------	---------------------------

TD: 5,940.0

Vertical - Original Hole, 12/7/2015 8:24:44 AM



# NEWFIELD



## Newfield Wellbore Diagram Data Ashley 9-26-9-15

Surface Legal Location 26-9S-15E		API/UWI 43013329020000		Lease	
County Duchesne		State/Province Utah		Field Name GMBU CTB3	
Well Start Date 9/26/2006		Spud Date 9/26/2006		Final Rig Release Date 10/14/2006	
On Production Date 11/15/2006		Original KB Elevation (ft) 6,483		Ground Elevation (ft) 6,471	
Total Depth (ftKB) 5,940.0		Total Depth All (TVD) (ftKB)		PBDT (All) (ftKB) Original Hole - 5,921.0	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/26/2006	8 5/8	8.097	24.00	J-55	323
Production	10/14/2006	5 1/2	4.950	15.50	J-55	5,927

### Cement

#### String: Surface, 323ftKB 9/30/2006

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 322.7	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 2% CaCL2 + 1/4#/sk Cello-Flake		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

#### String: Production, 5,927ftKB 10/14/2006

Cementing Company BJ Services Company		Top Depth (ftKB) 96.0	Bottom Depth (ftKB) 5,940.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class PL II	Estimated Top (ftKB) 96.0
Fluid Description W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM		Fluid Type Tail	Amount (sacks) 450	Class 50/50 Poz	Estimated Top (ftKB) 3,000.0

### Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					10/27/2010		4,550.2	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	147	2 7/8	2.441	6.50	J-55	4,529.72	12.0	4,541.7
Seating Nipple		2 7/8	2.441			1.10	4,541.7	4,542.8
Arrow-set 1X Packer		5 1/2	2.441			7.40	4,542.8	4,550.2

### Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	B .5, Original Hole	4,603	4,624	4	90	0.430	11/2/2006
4	A1, Original Hole	4,836	4,842	4	90	0.430	11/1/2006
4	A1, Original Hole	4,853	4,859	4	90	0.430	11/1/2006
4	A1, Original Hole	4,870	4,875	4	90	0.430	11/1/2006
3	LODC, Original Hole	5,146	5,154	4	90	0.430	11/1/2006
2	LODC, Original Hole	5,278	5,294	4	90	0.430	11/1/2006
1	CP2, Original Hole	5,429	5,435	4	120	0.460	10/26/2006
1	CP3, Original Hole	5,461	5,474	4	120	0.460	10/26/2006

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,200	0.84	25.2	2,300			
2	3,060	1.01	25.1	2,650			
3	2,700	0.96	20.4	3,583			
4	2,270	0.9	25.7	2,420			
5	1,900	0.85	25.8	2,340			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 29378 lb
2		Proppant White Sand 50541 lb
3		Proppant White Sand 19886 lb
4		Proppant White Sand 60108 lb
5		Proppant White Sand 103709 lb